



УНИВЕРСИТЕТ ИТМО

# Цвет и цветовосприятие

Зюбин Артем







# ПОРЯДОК ПОЯВЛЕНИЙ НАЗВАНИЙ ЦВЕТОВ

I Черный и белый (темный и светлый)

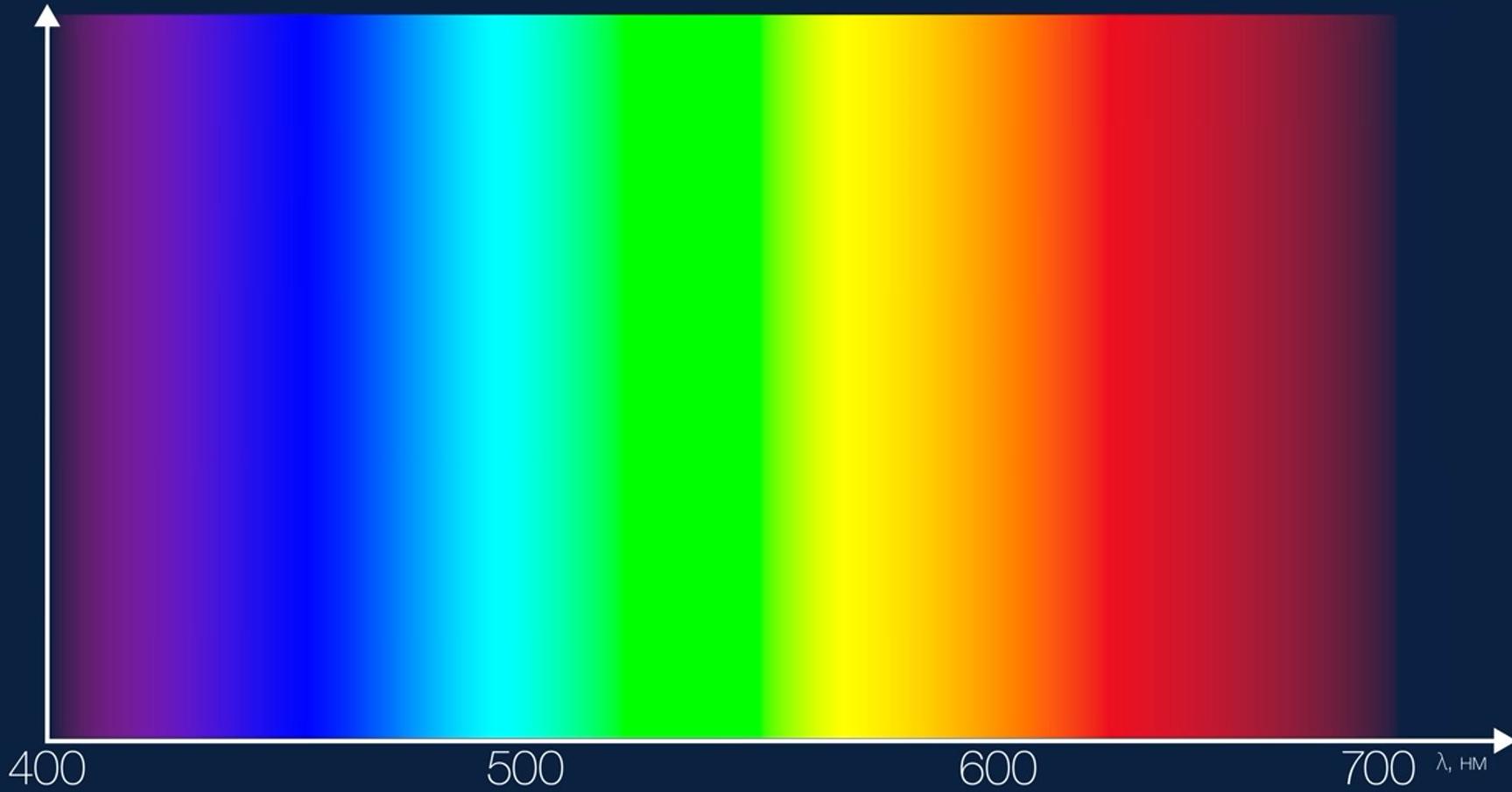
II Красный

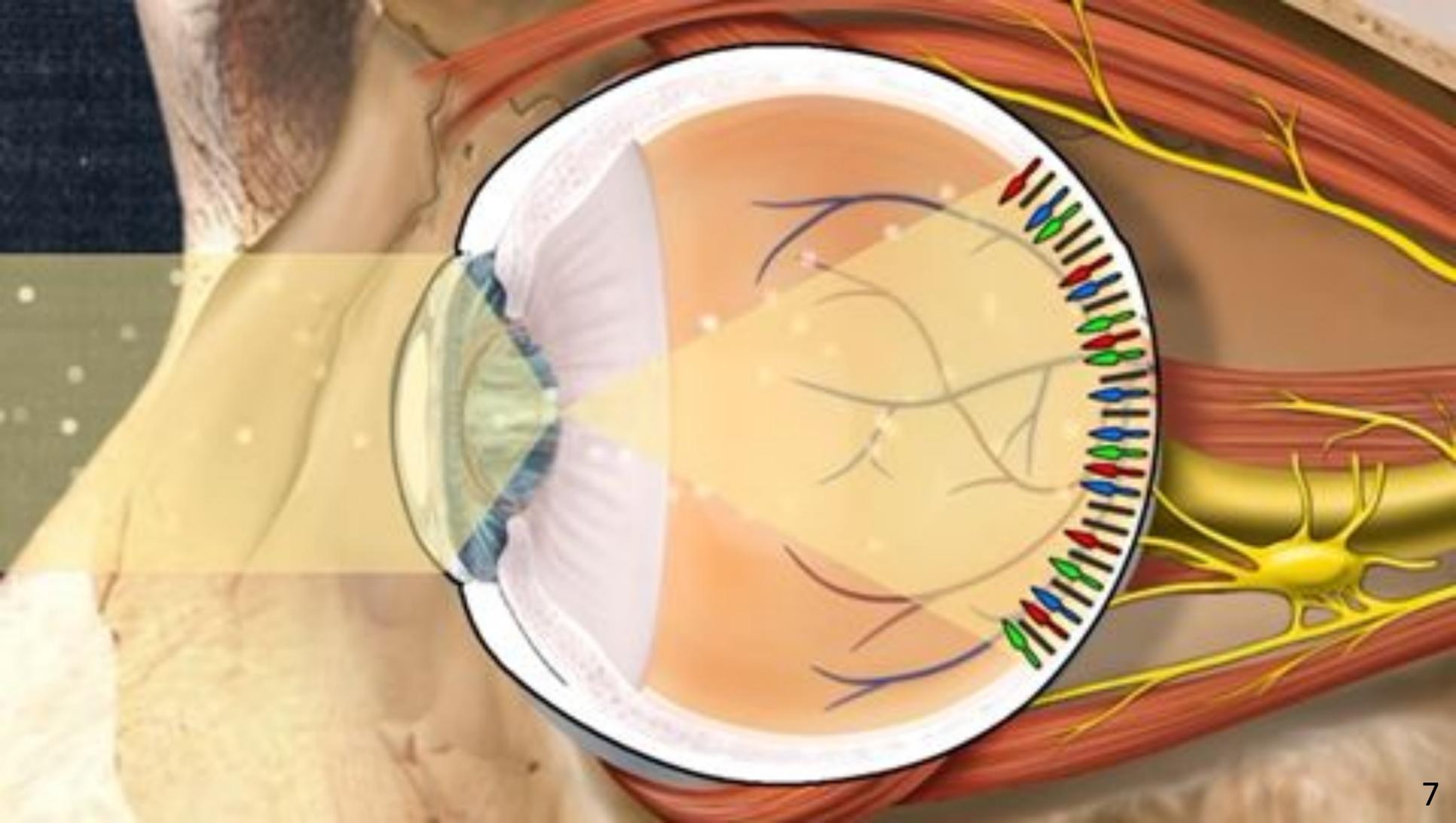
III Зеленый и желтый

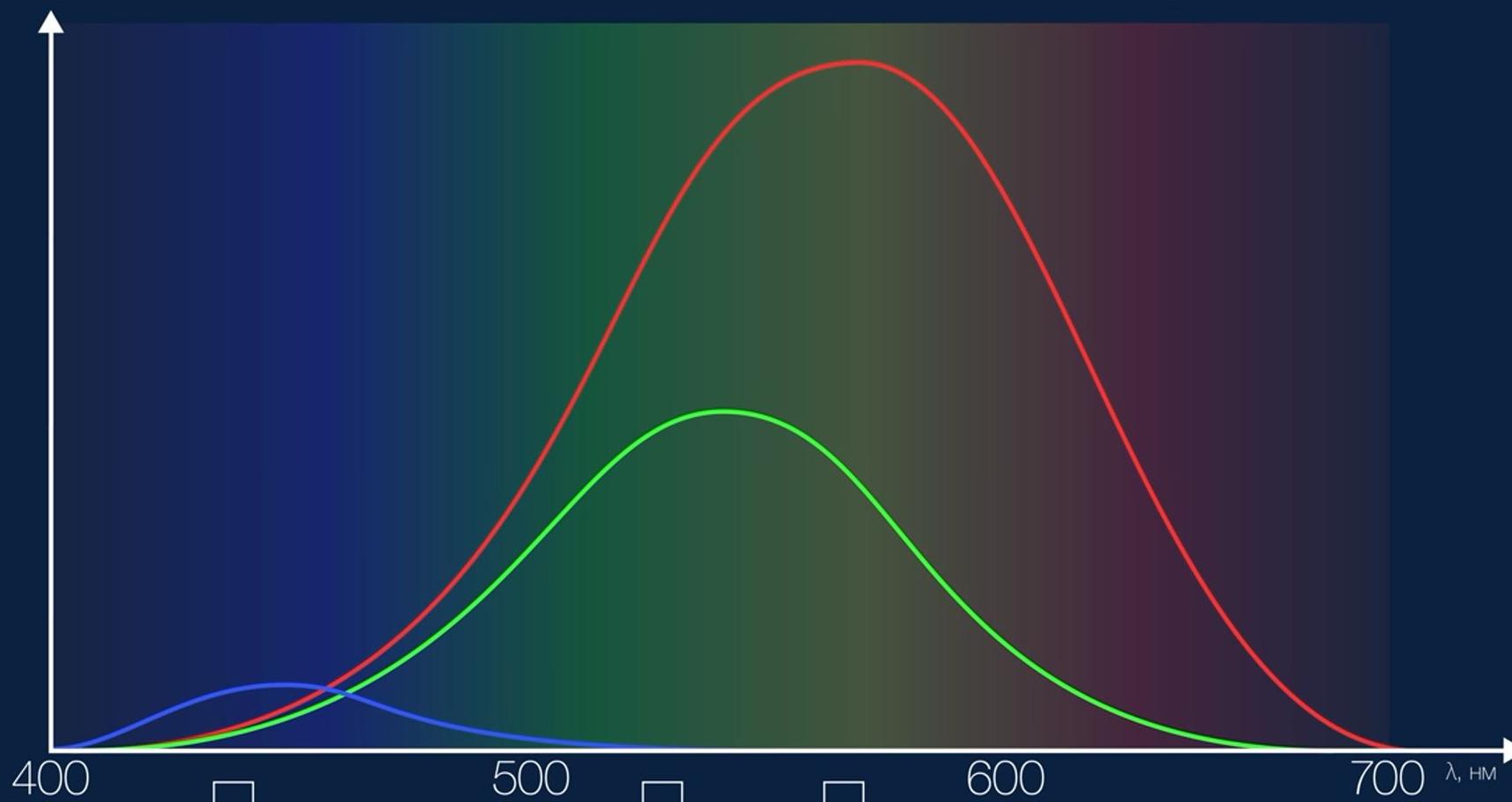
IV Синий

V Коричневый

VI Фиолетовый, розовый, оранжевый, серый...



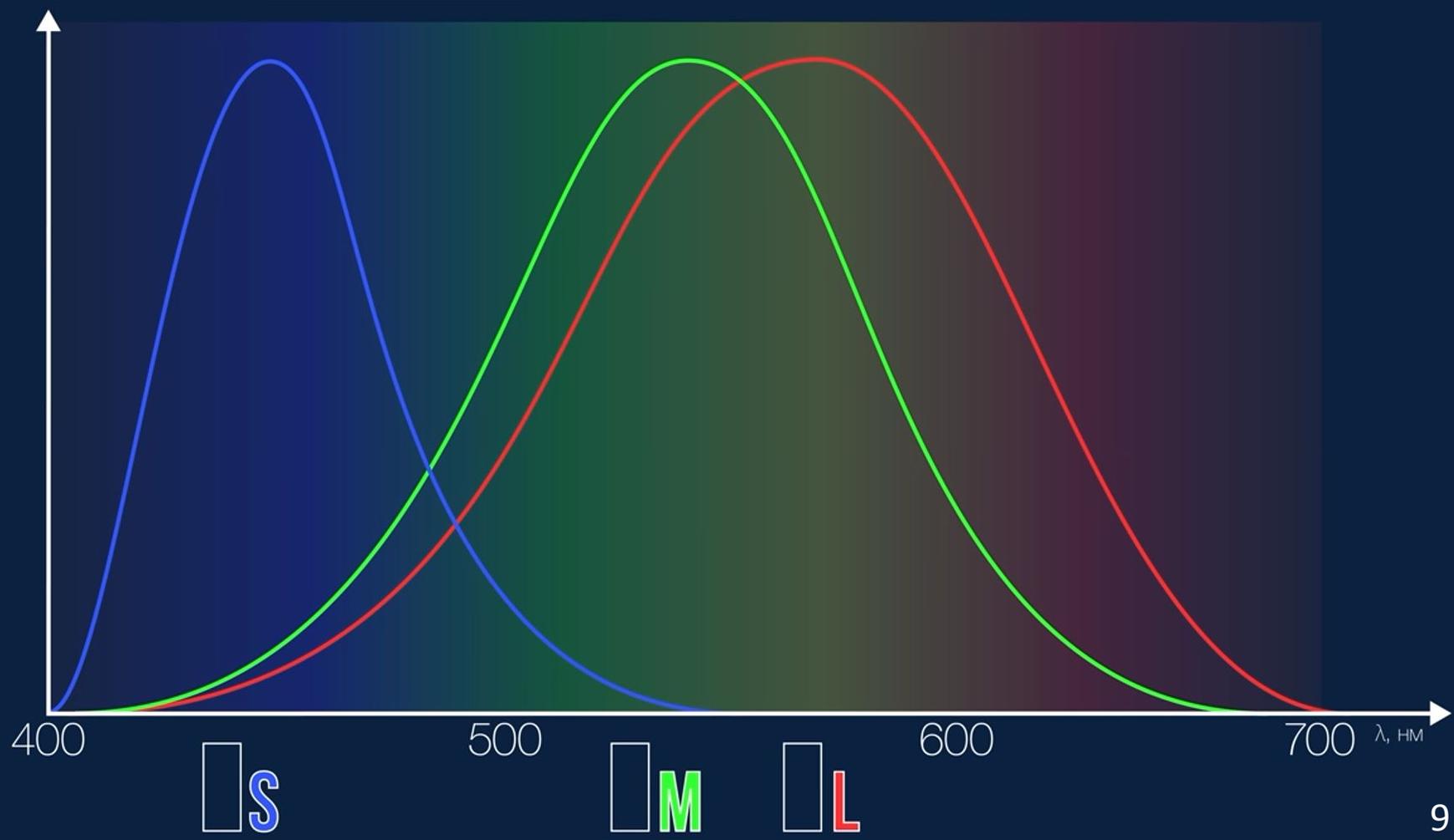




S

M

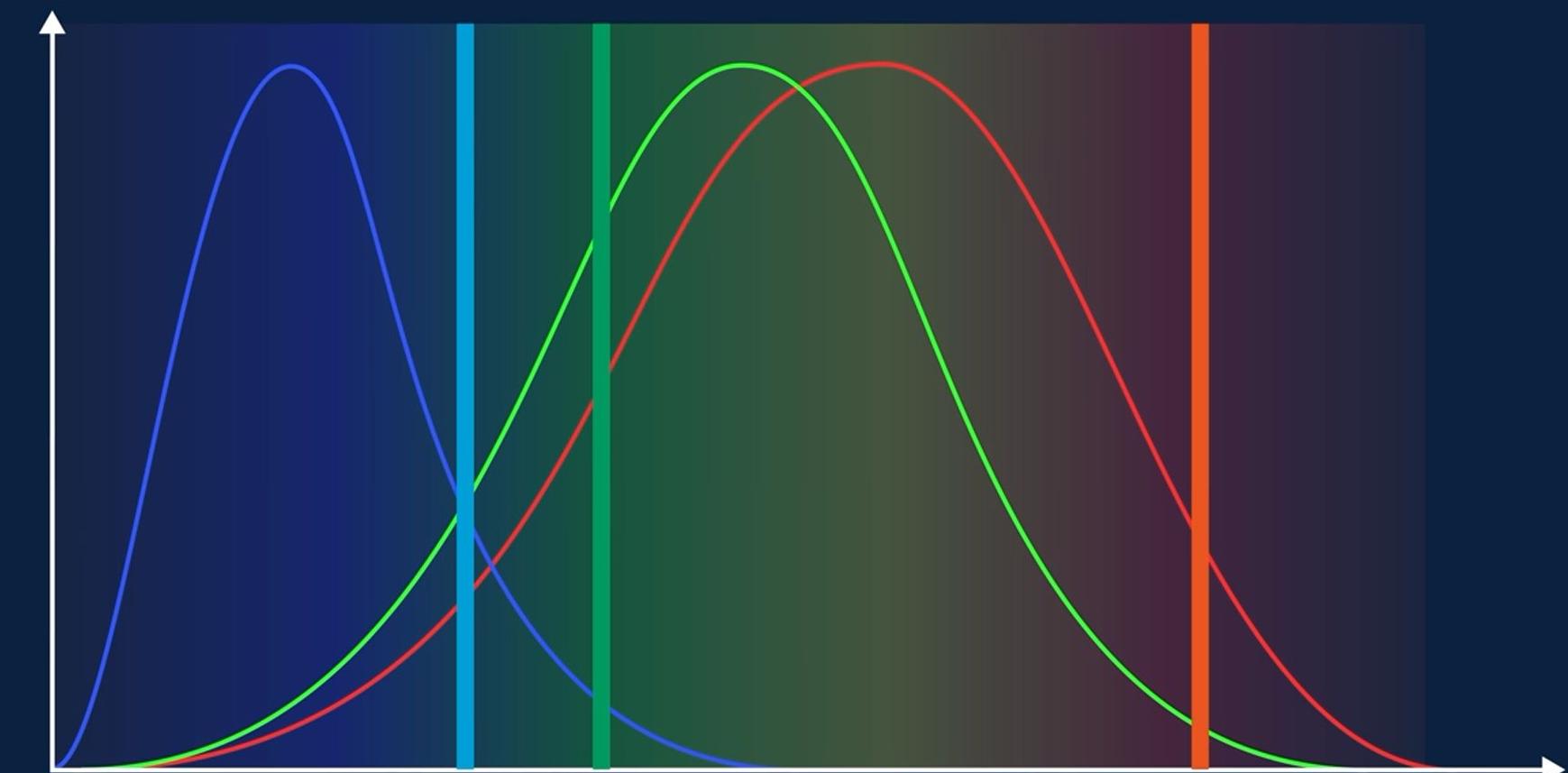
L



S

M

L



400

 S

500

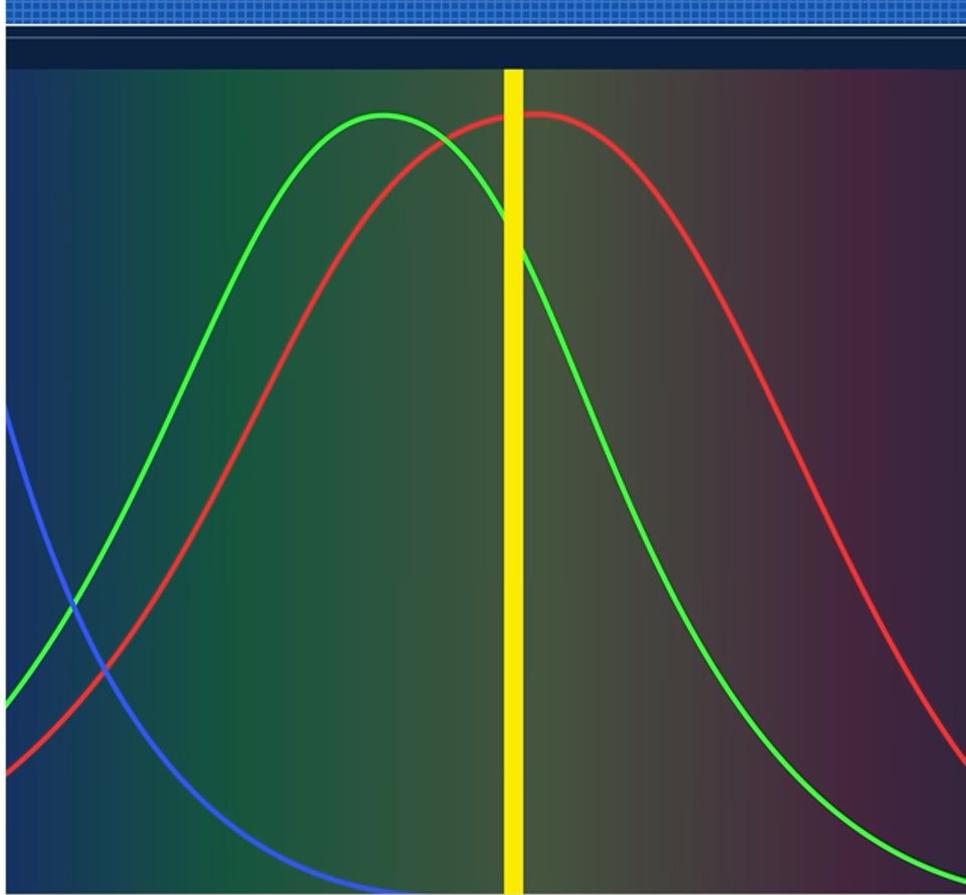
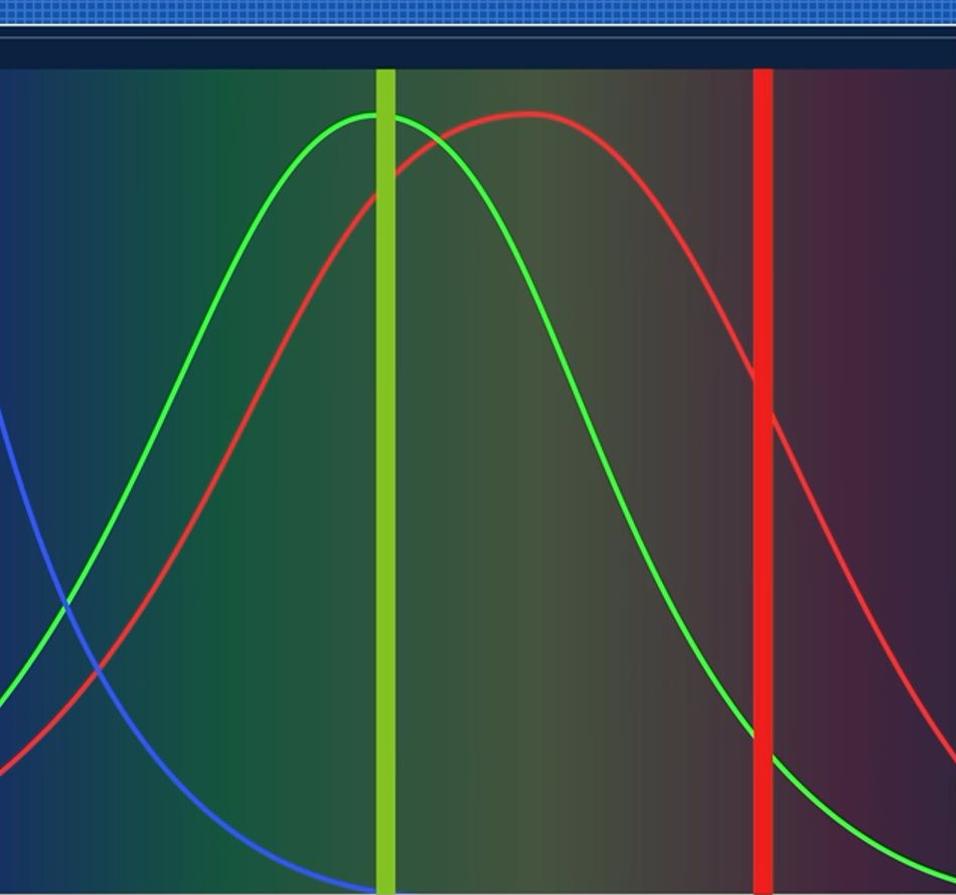
 M

600

 L

700  $\lambda$ , nm





500

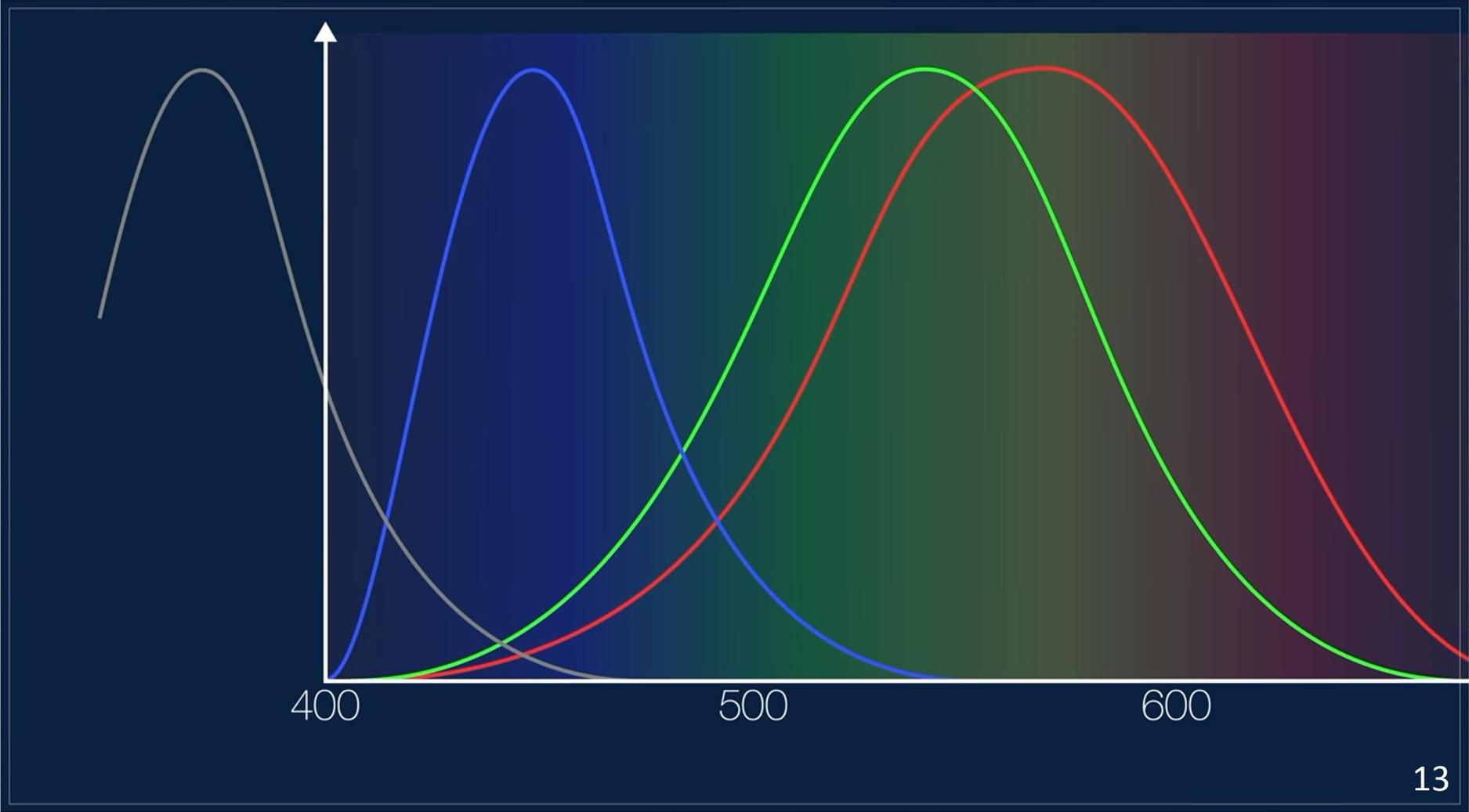


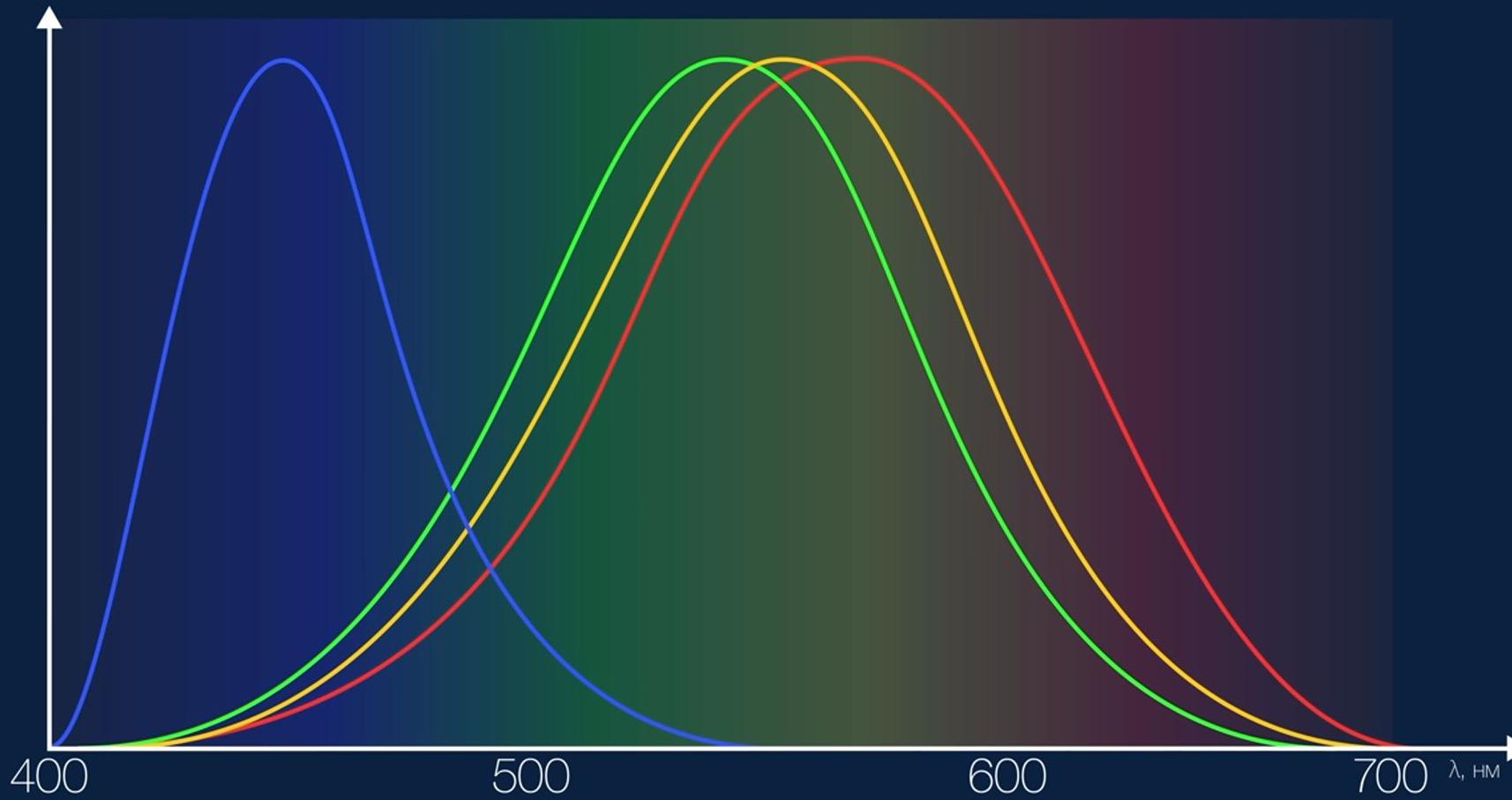
600

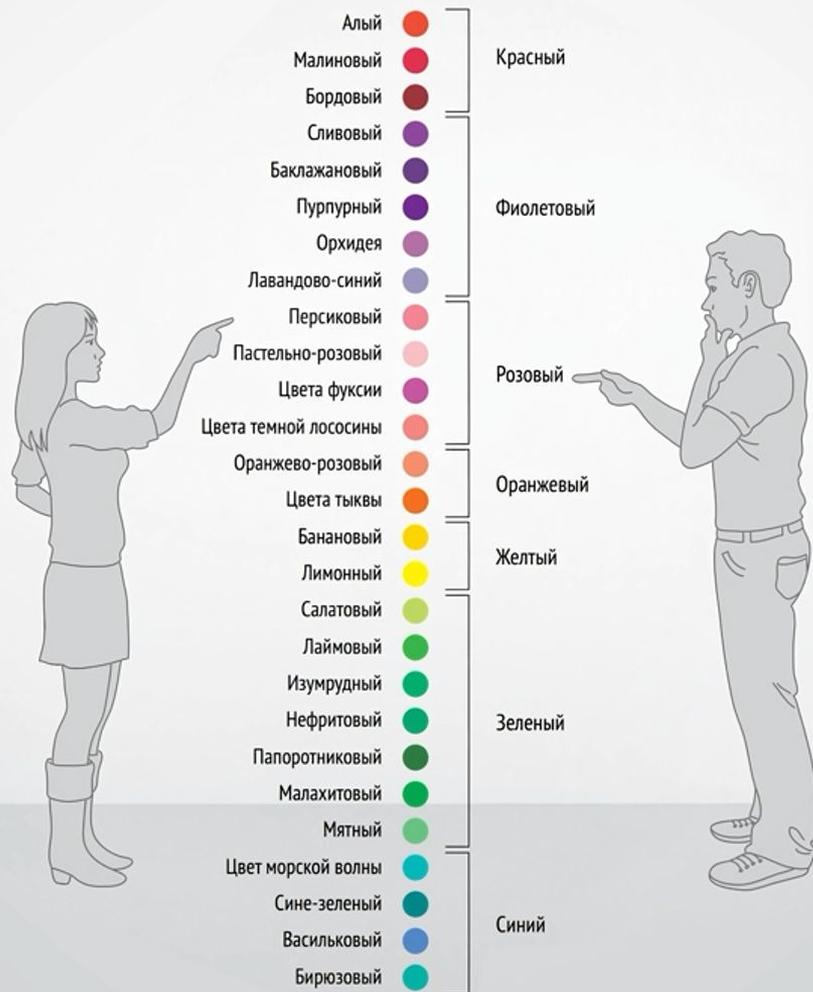
500



600

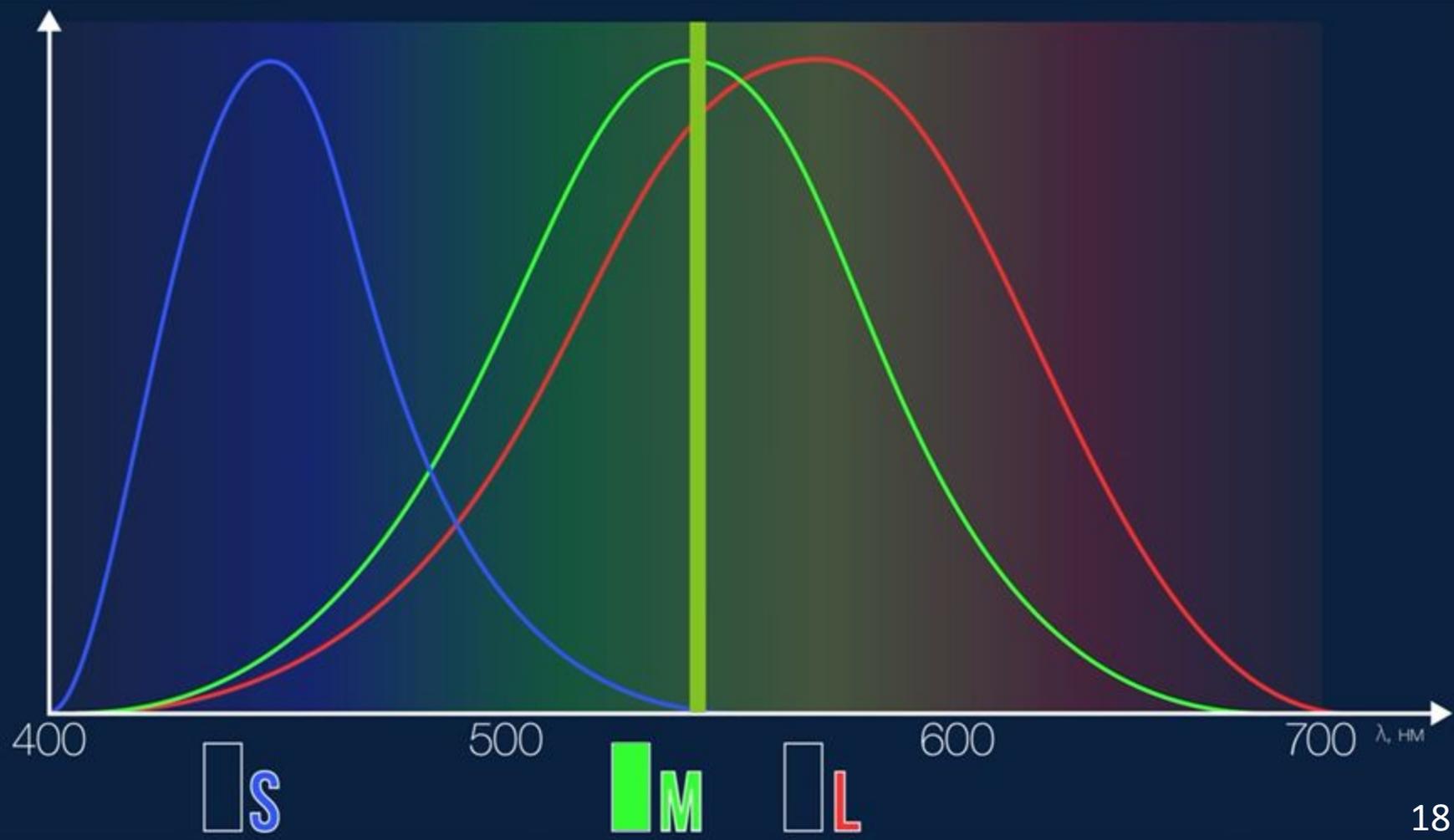


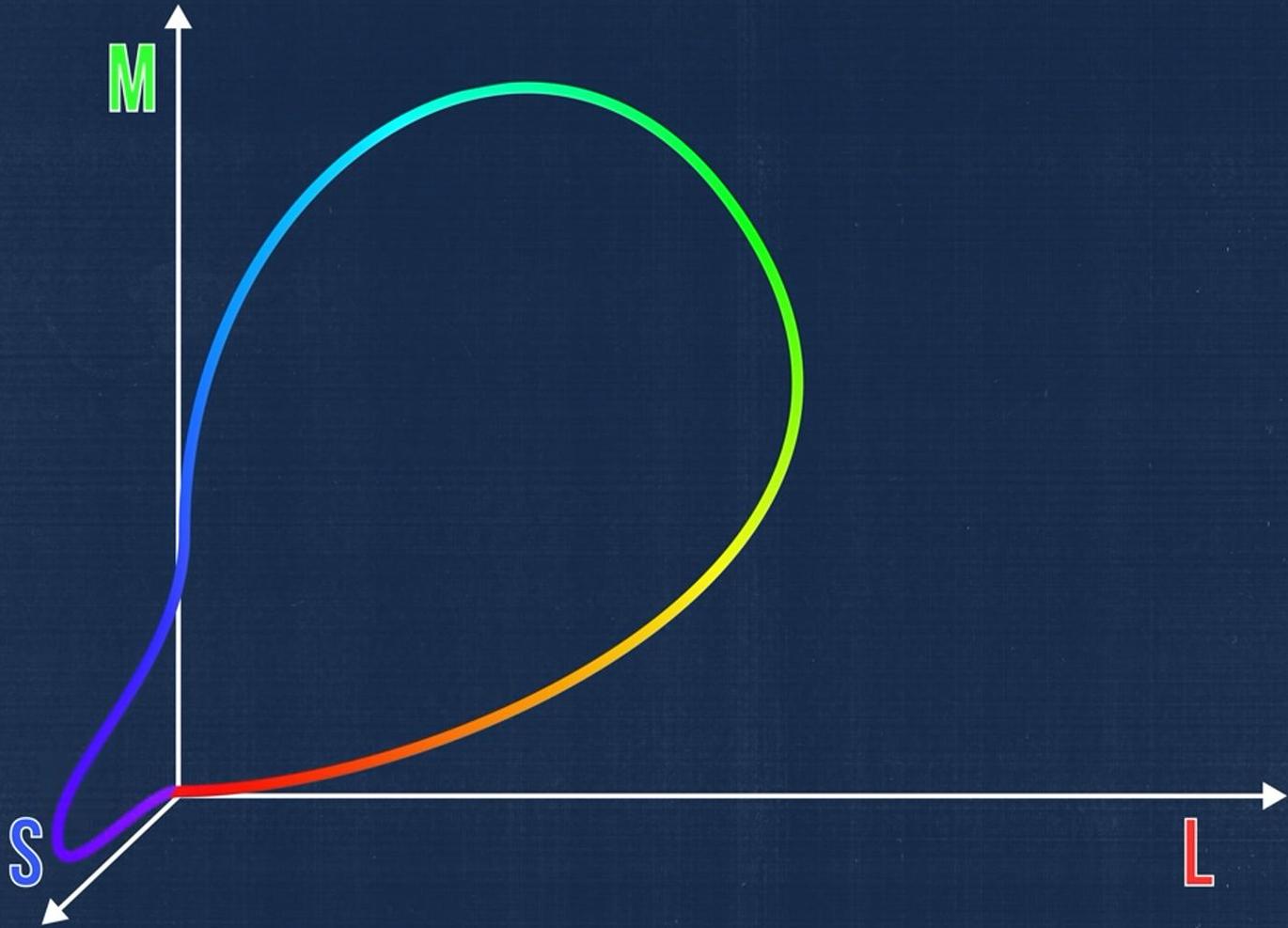


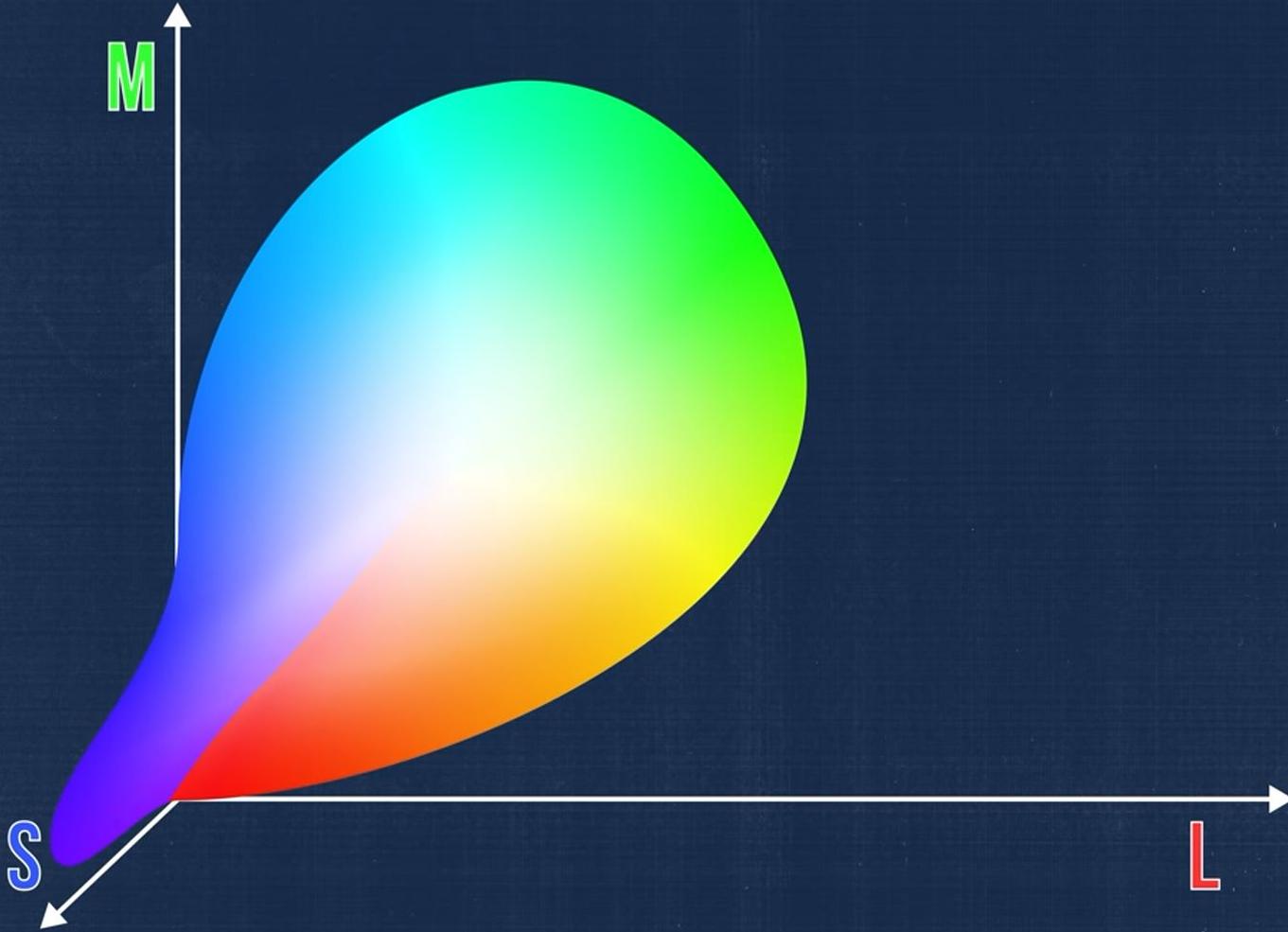


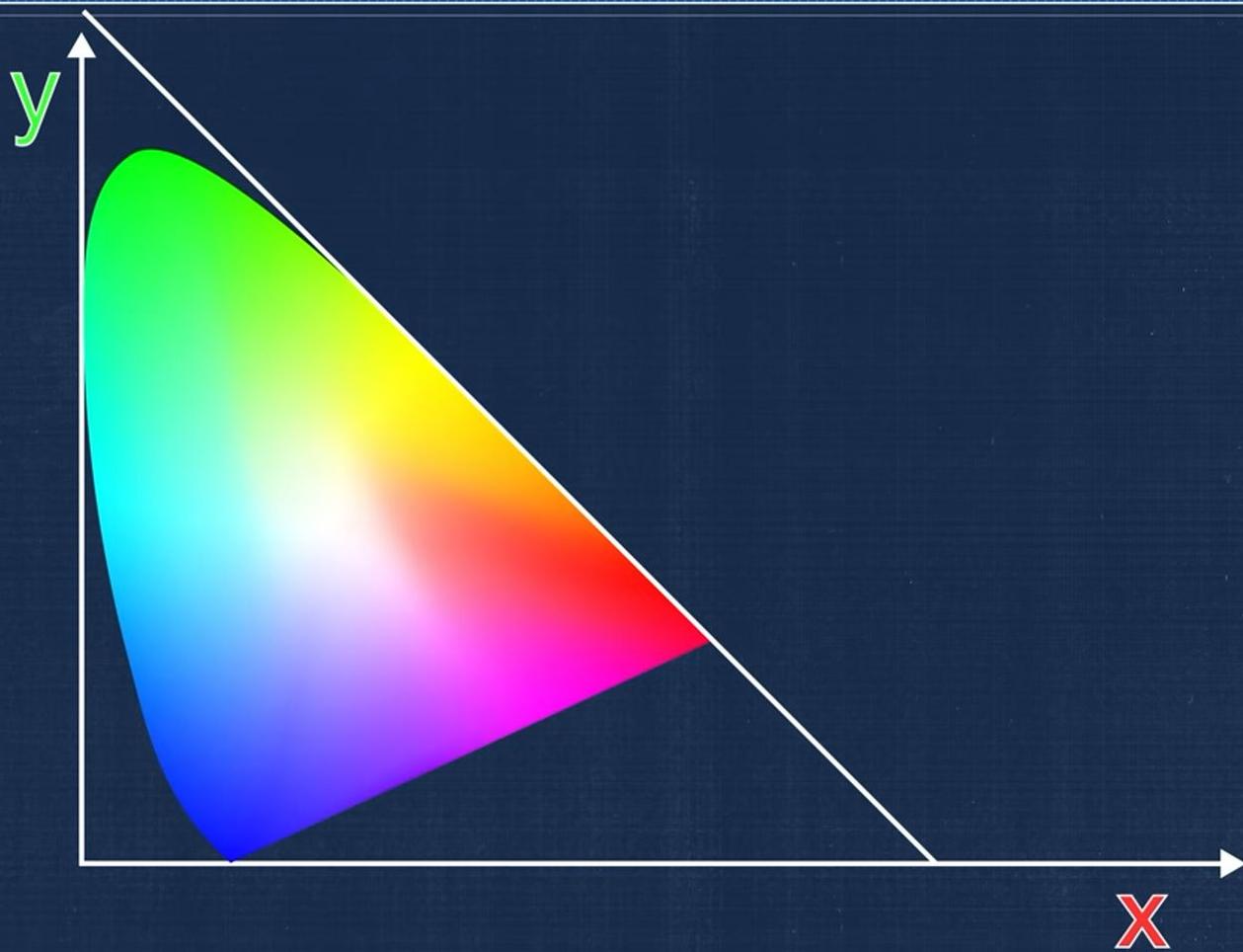


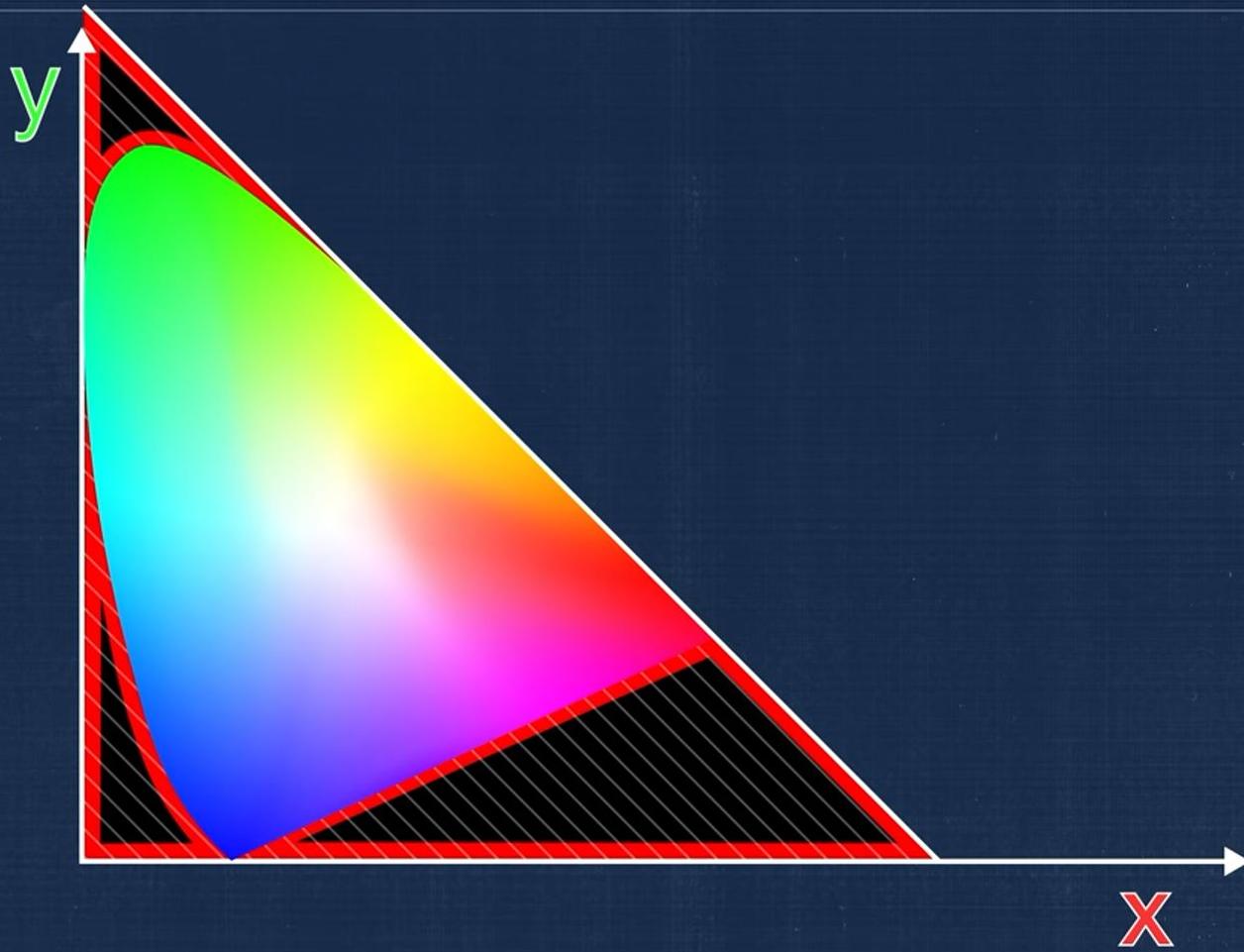


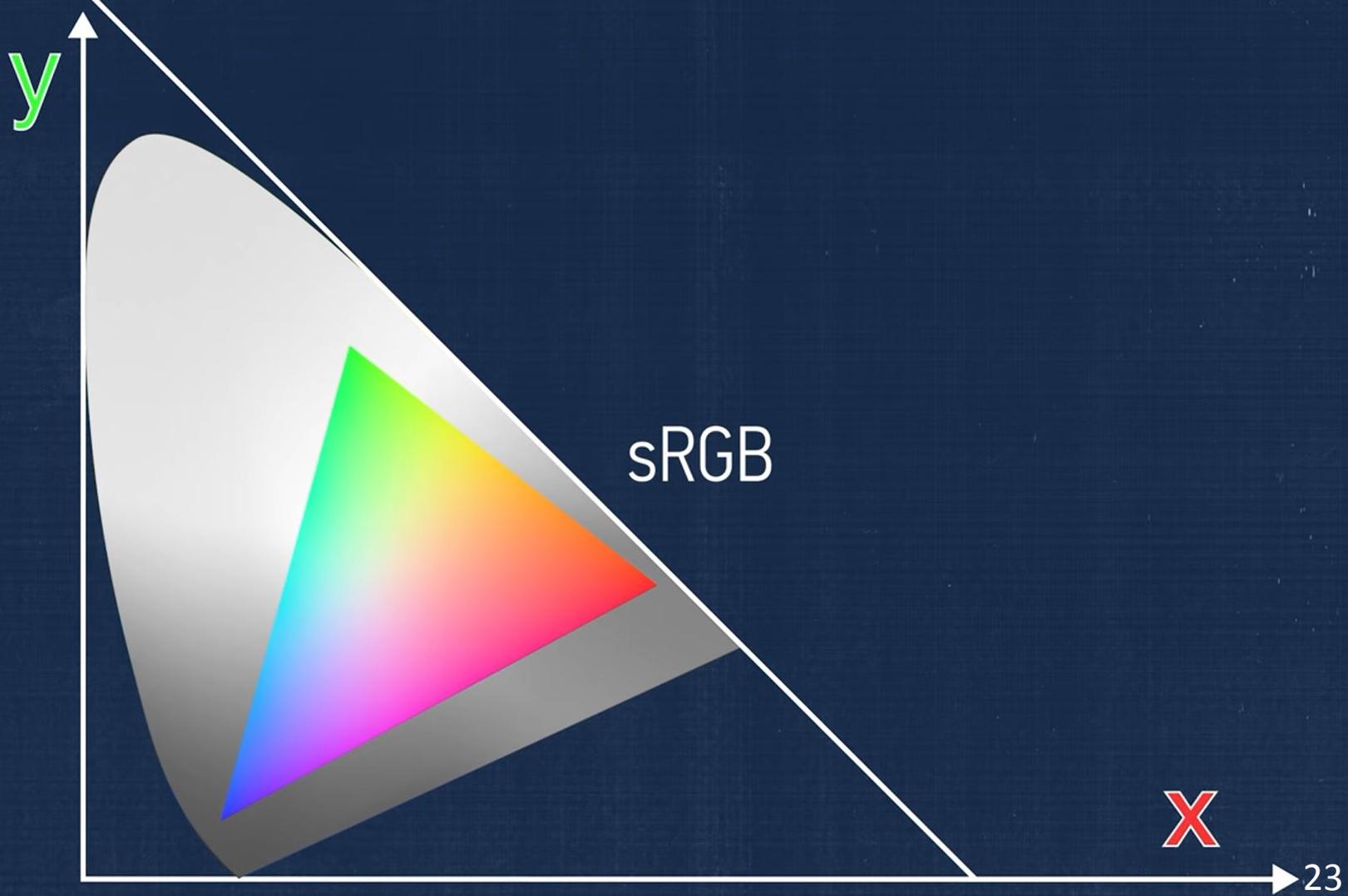


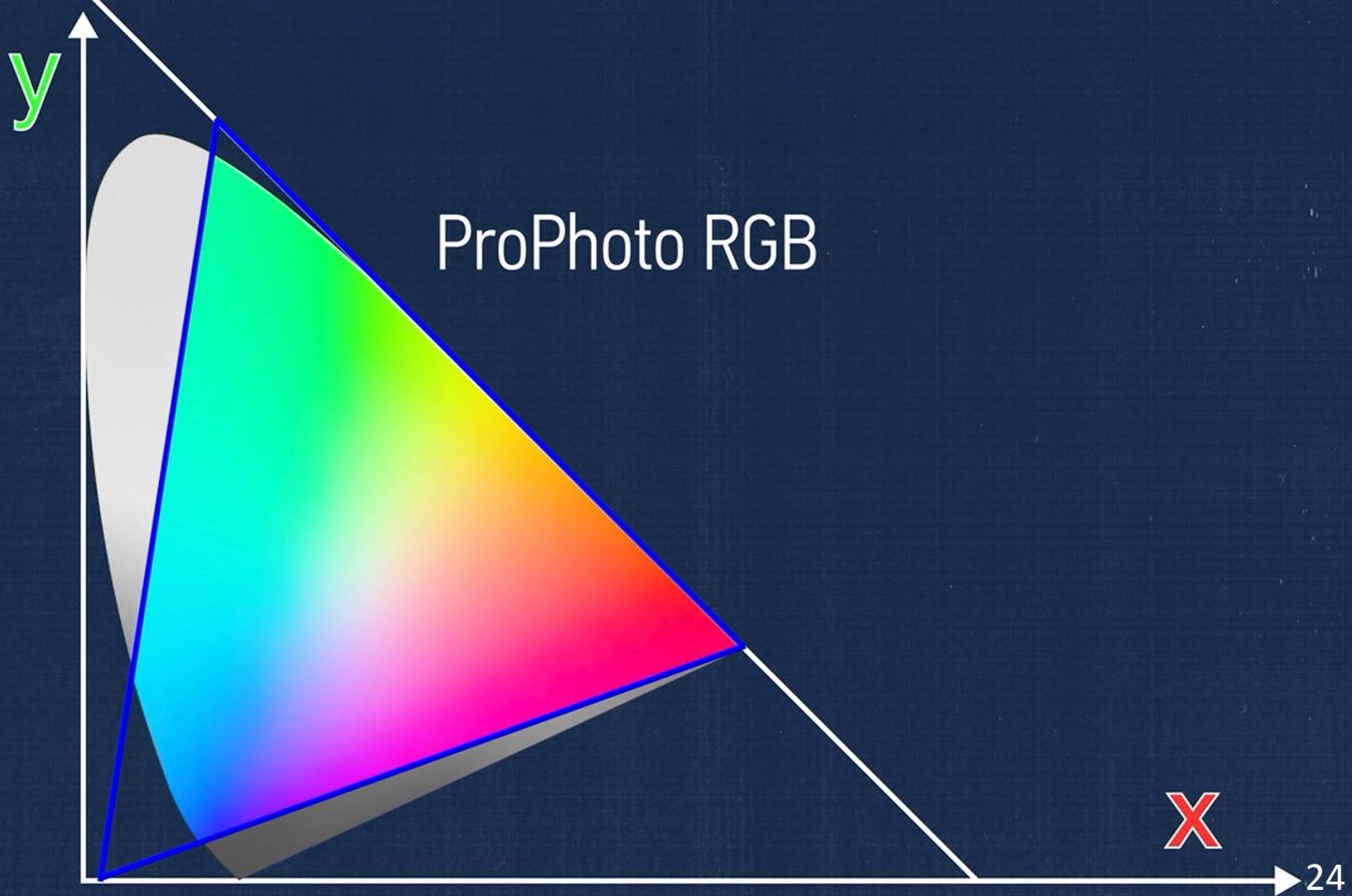


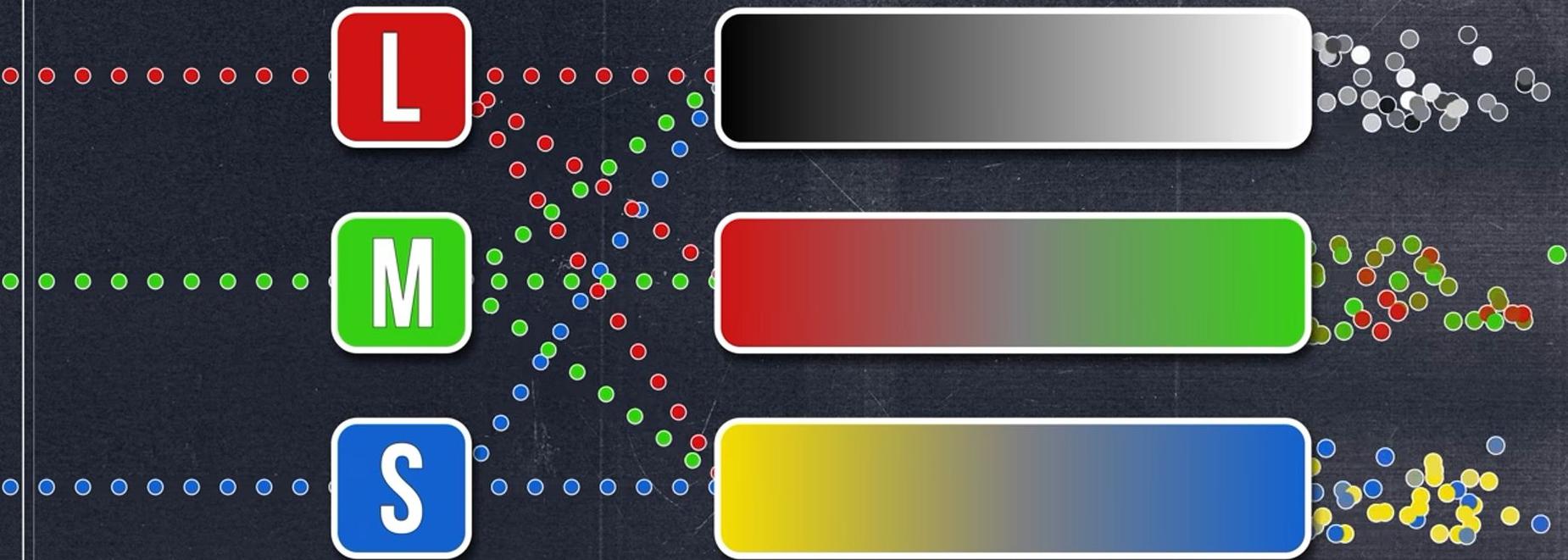


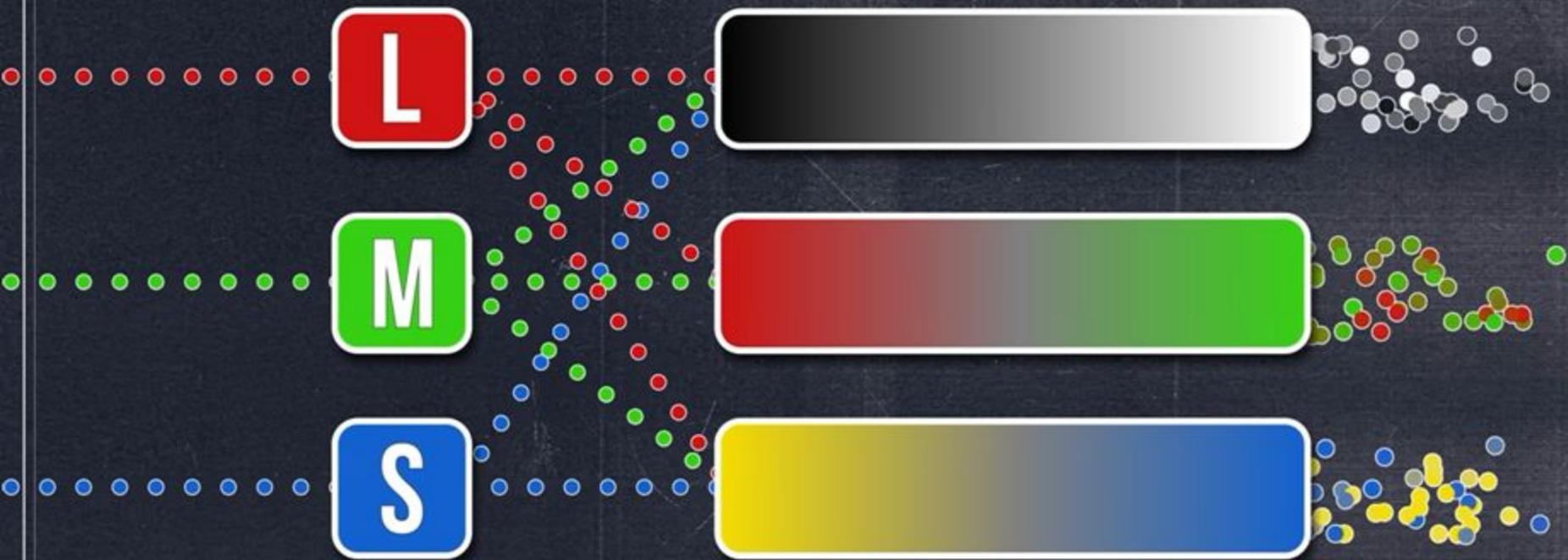




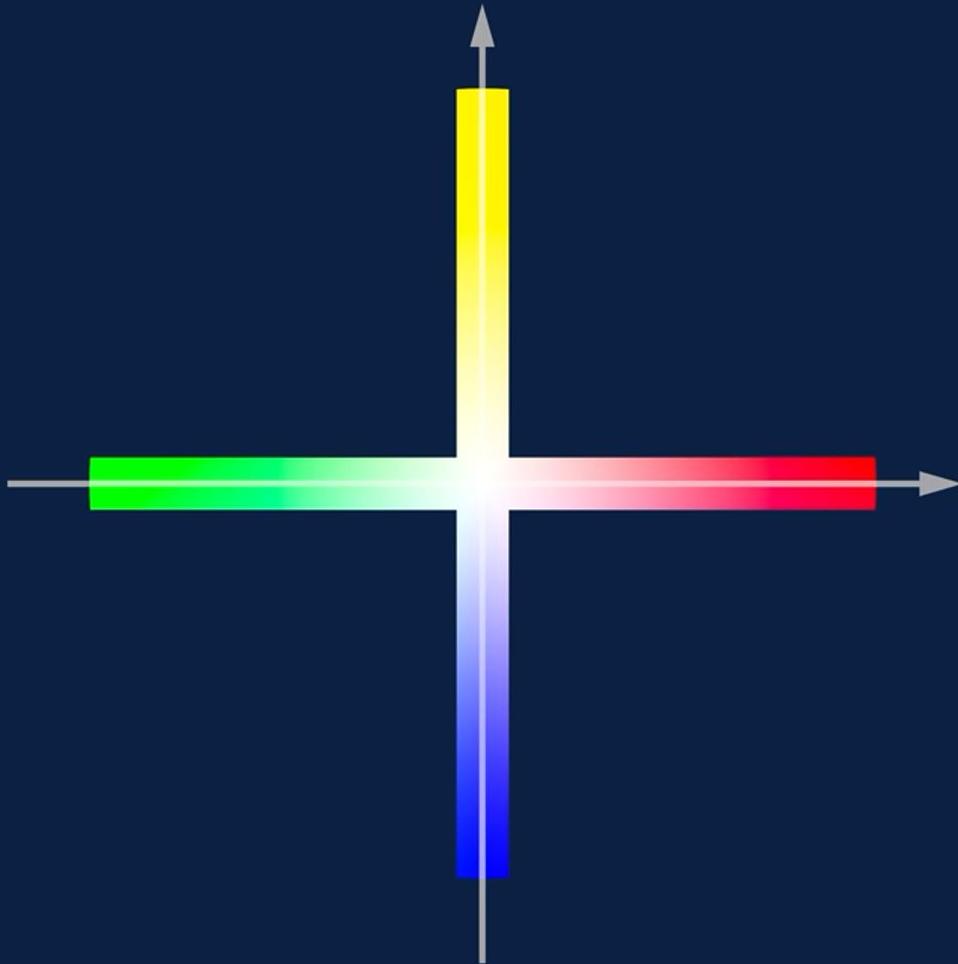






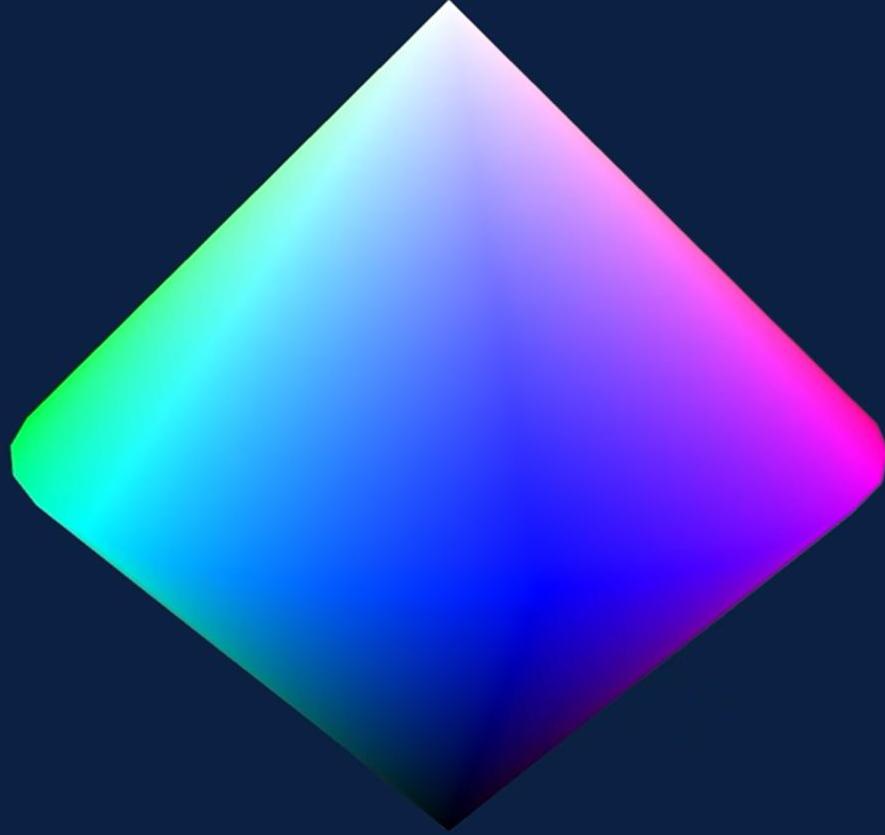


КЛЕТКИ-ОППОНЕНТЫ

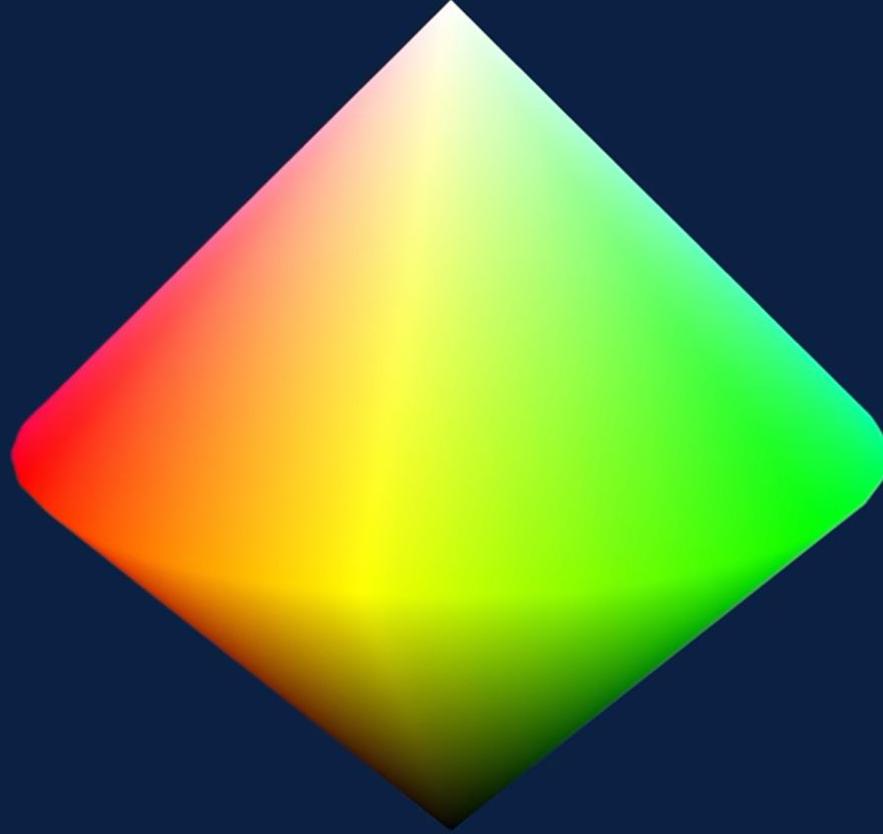


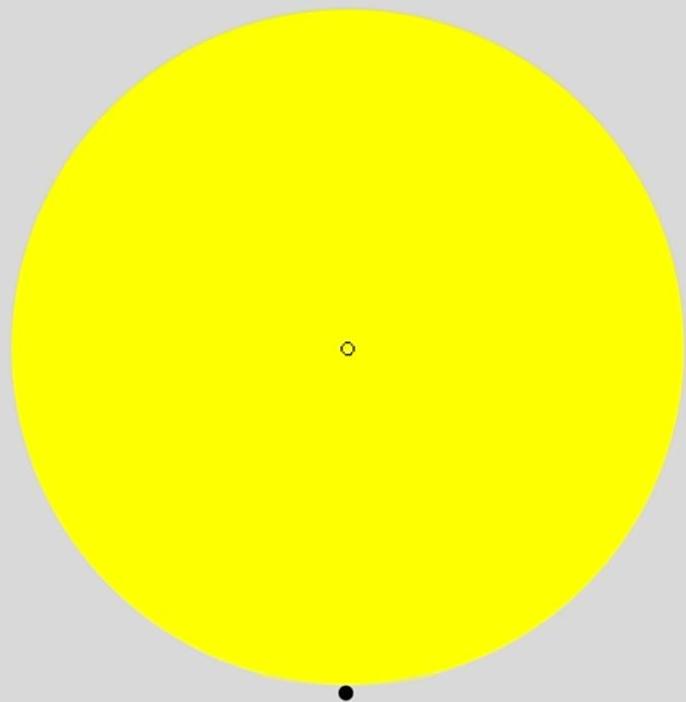


ЯРКОСТЬ

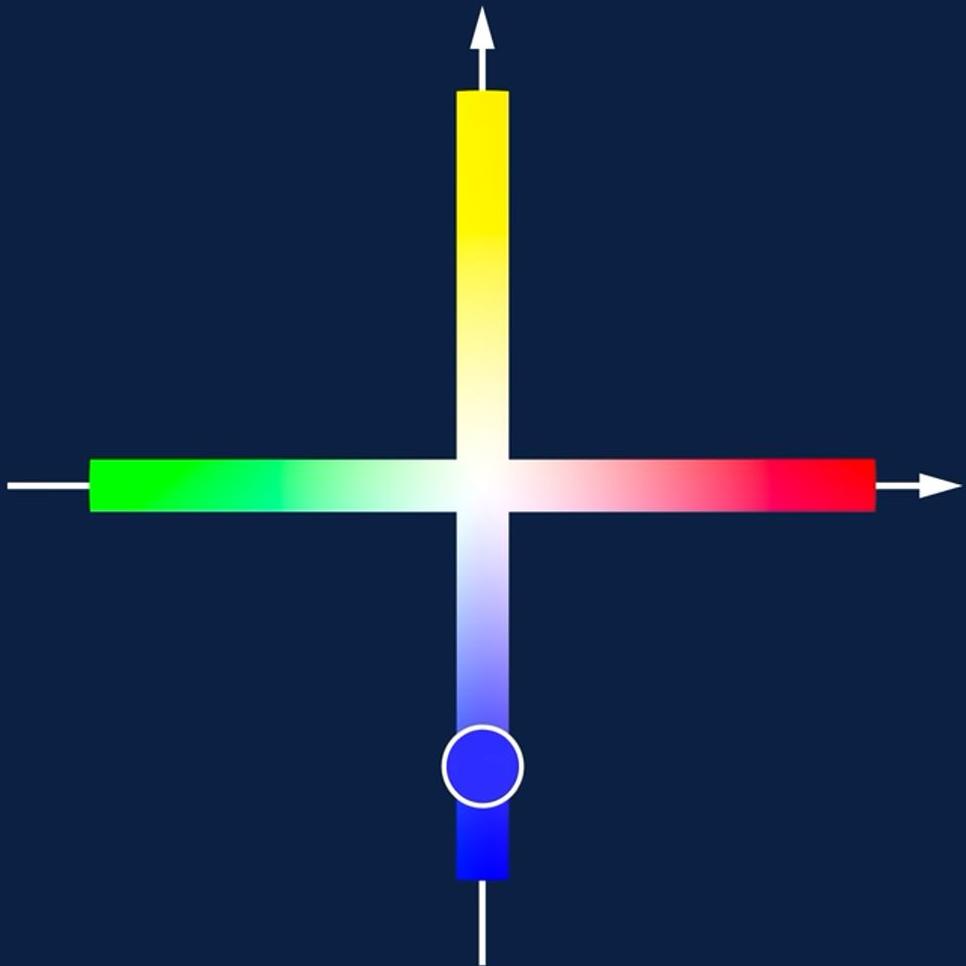


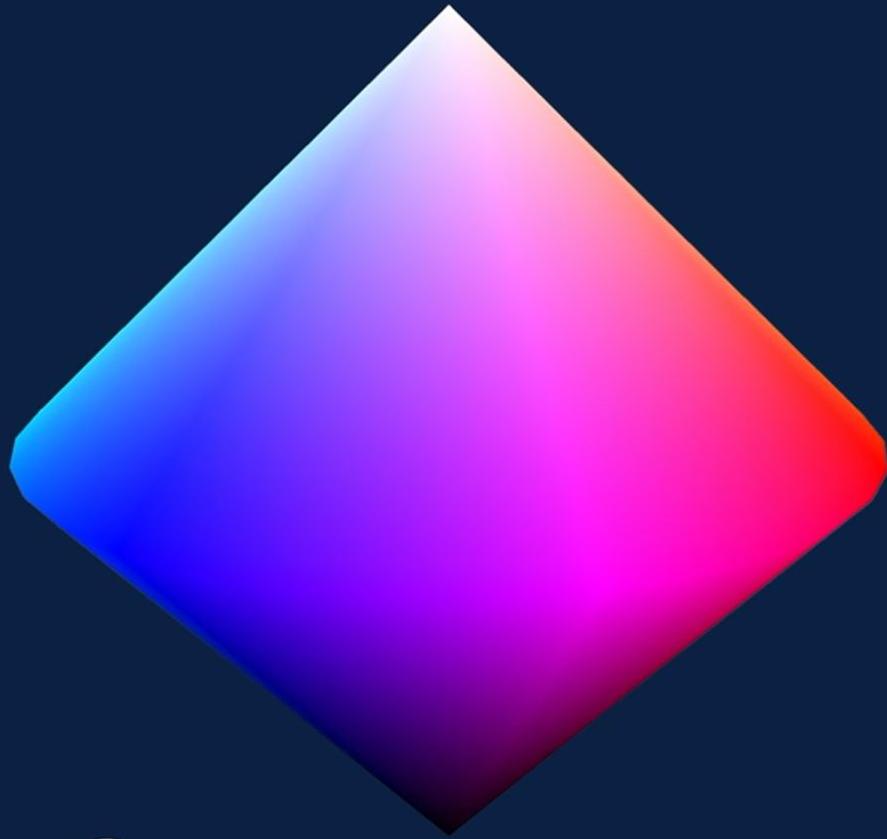
ЯРКОСТЬ

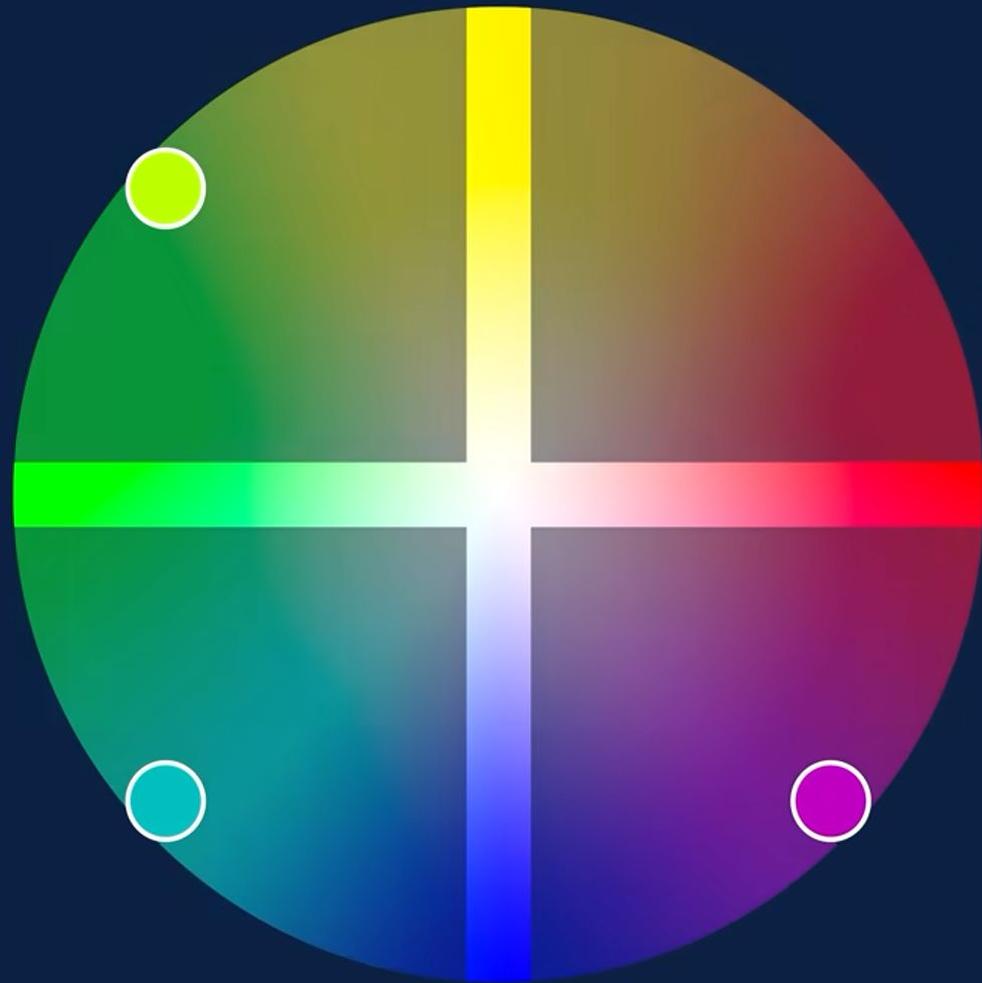


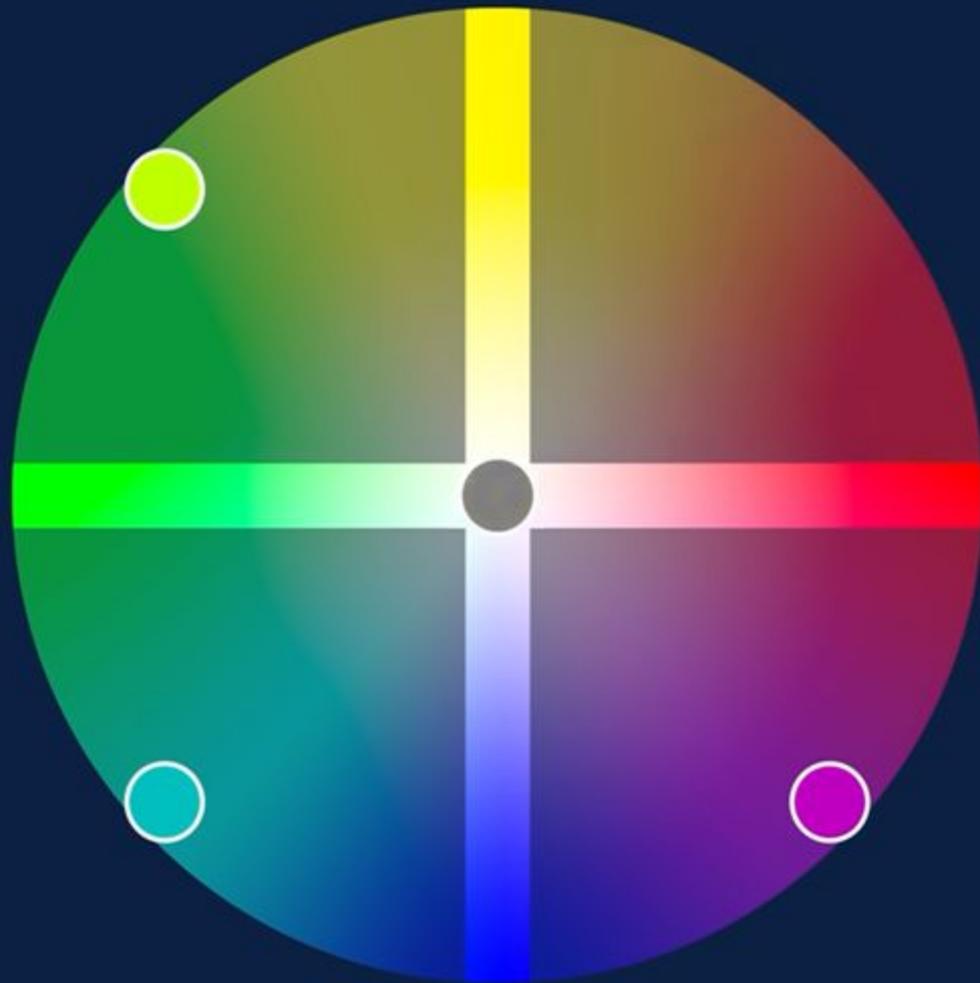


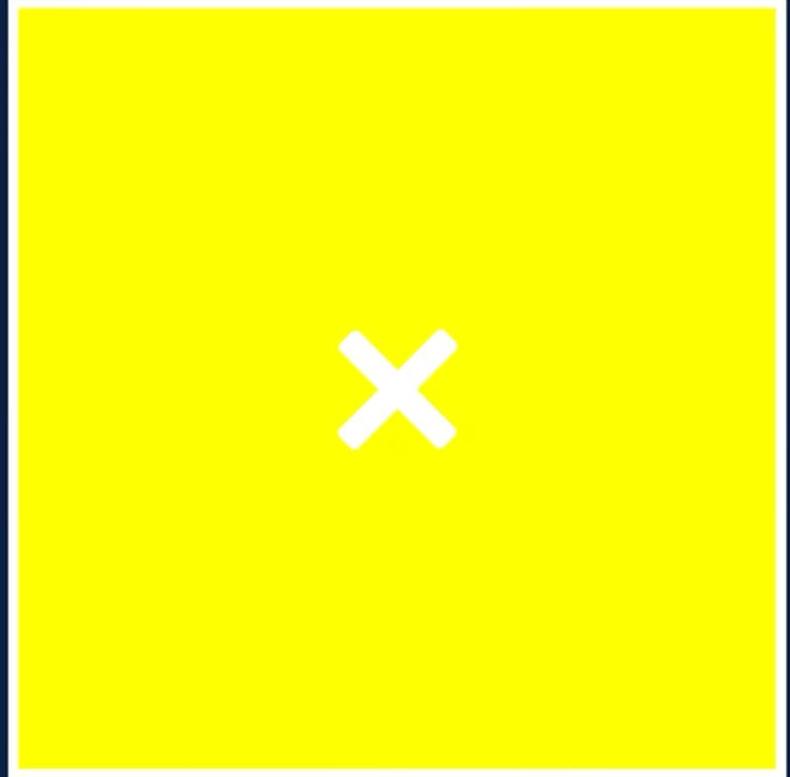
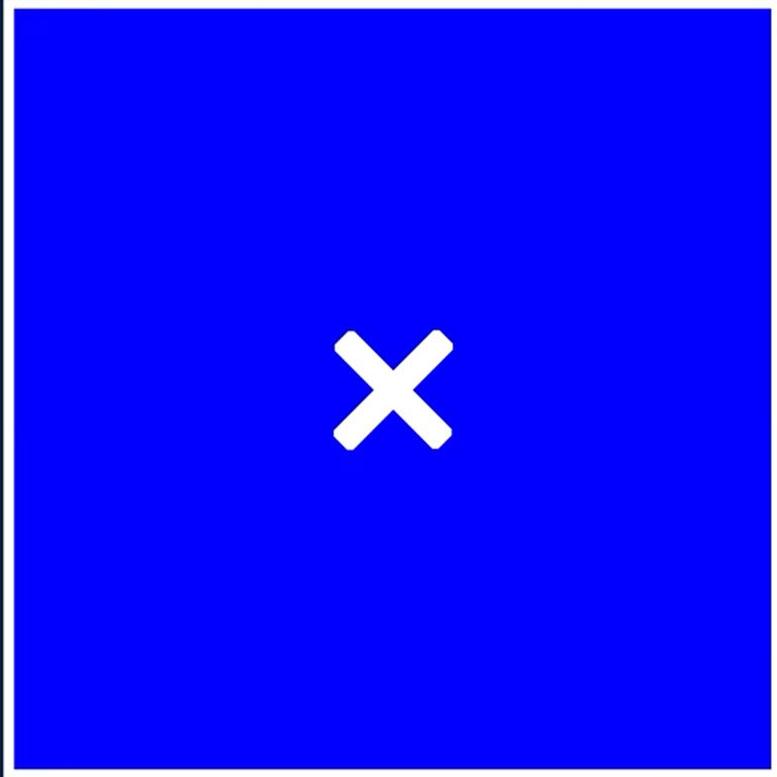






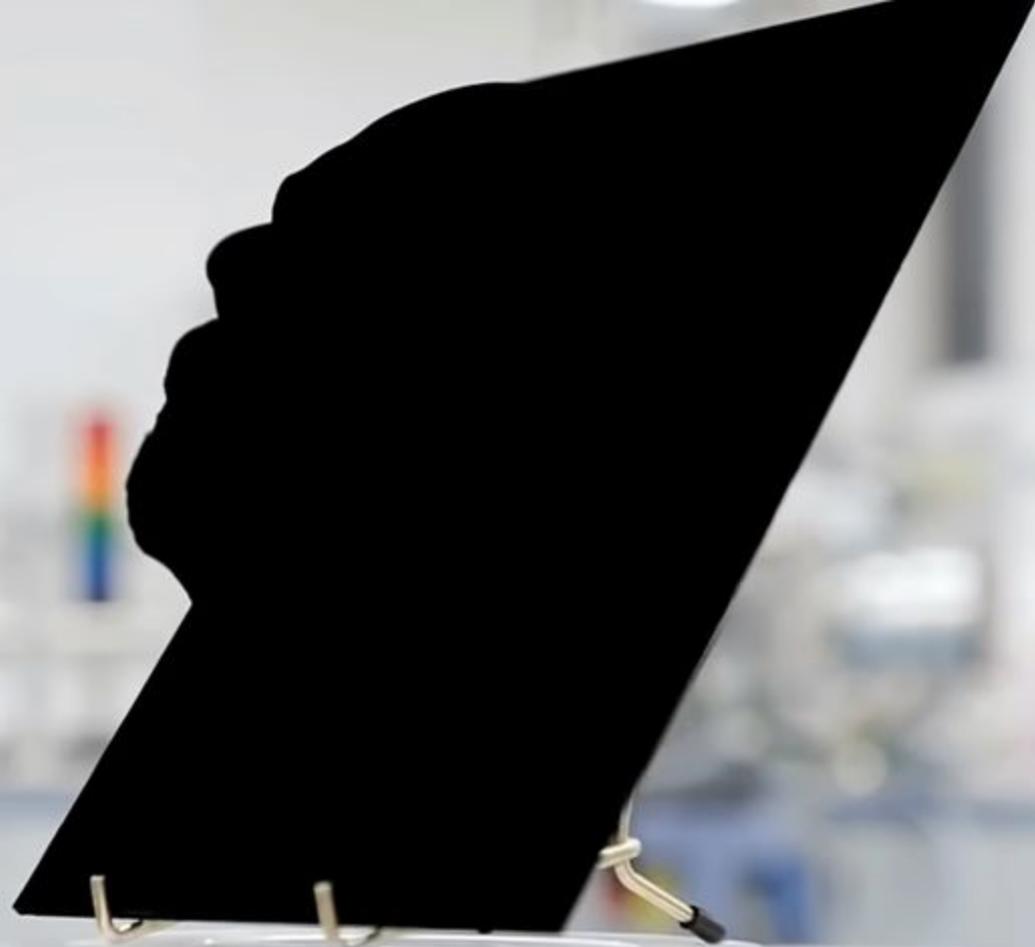








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# Заключение

- Существуют ли цвета, которых мы никогда не видели?
- Могут ли быть оттенки, которые доступны нашему зрению физически, но их никто никогда не наблюдал?

**Спасибо за внимание!**

[www.ifmo.ru](http://www.ifmo.ru)

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**UNIVERSITY**