

# Cone sensitivities of animals

## BIRD

- graph by : By L. Shyamal - Own work, Public Domain, <https://commons.wikimedia.org/w/index.php?curid=6308626>
- 370 nm, 445 nm, 508 nm, 565 nm



## BUMBLEBEE

- 347, 424 and 539 nm for UV, blue and green receptors

```
@article{skorupski2010photoreceptor,  
  title={Photoreceptor spectral sensitivity in the bumblebee, Bombus impatiens  
  (Hymenoptera: Apidae)},  
  author={Skorupski, Peter and Chittka, Lars},  
  journal={PLoS One},  
  volume={5},  
  number={8},  
  pages={e12049},  
  year={2010},  
  publisher={Public Library of Science}  
}
```



### WHITE-TAILED DEER:

- 455 nm, 537 nm (VerCauteren, Kurt C. and Pipas, Michael J., "A review of color vision in white-tailed deer" (2003). USDA National Wildlife Research Center - Sta Publications. Paper 284. )



### FANTASY

[380, 603]



[600 700]



[576 700]



[550 700]



[400 700]



[380 720]



## DOG

- 429 nm and 555 nm (section discussion in paper)

```
@article{neitz1989color,  
  title={Color vision in the dog},  
  author={Neitz, Jay and Geist, Timothy and  
Jacobs, Gerald H},  
  journal={Visual neuroscience},  
  volume={3},  
  number={02},  
  pages={119--125},  
  year={1989},  
  publisher={Cambridge Univ Press}  
}
```

