

Converting Colors

YIQ(215.9990, 25.8220,
-49.4900)

Have a look what the booklet for
YIQ(215.9990, 25.8220, -49.4900)
contains.

YIQ(215.9990, 25.8220, -49.4900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.9990, 25.8220,
-49.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F167
RGB	210, 241, 103
RGB Percent	82%, 95%, 40%
CMY	0.1766, 0.0548, 0.5959
CMYK	0.13, 0.00, 0.57, 0.05
HSL	74°, 83%, 67%
HSV	74°, 57%, 95%
XYZ	60.4767, 77.5941, 24.6357
YIQ	215.9990, 25.8220, -49.4900

Conversions

Conversions Part 2

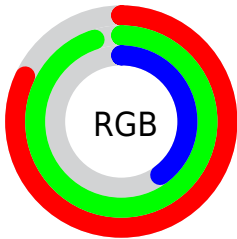
Format	Color
RYB	103, 241, 134
Decimal	13824359
CIELab	90.59, -29.41, 61.91
CIElCh	91, 68.542, 115.407
Yxy	77.5941, 0.3717, 0.4769
Android (android.graphics.Color)	4292014439 (0xFFD2F167)
YUV	215.9990, -55.7085, -5.2611
Hunter-Lab	88.0875, -31.6036, 45.0794

Details

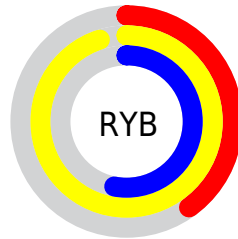
The YIQ color **215.9990, 25.8220, -49.4900** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **128.0010, -25.8220, 49.4900**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9420, 31.1370, -30.1670**, and **159.7000, 25.2260, -49.7020** is the 20% darker color. If you saturate the color by 10%, you get **211.7680, 30.5460, -58.0140**, and if you desaturate by 10%, it is **220.2300, 21.0980, -40.9660**.

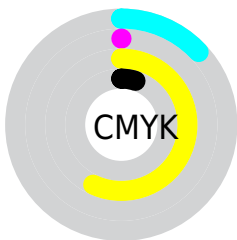
Distribution



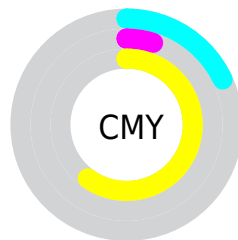
- Red (82%)
- Green (95%)
- Blue (40%)



- Red (40%)
- Yellow (95%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (57%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9990, 25.8220, -49.4900 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 215.9990, 25.8220, -49.4900 by changing the saturation by 10% instead.

215.9990, 25.8220,
-49.4900

215.9990, 25.8220,
-49.4900

255.0000, -0.0000,
-0.0000

187.8140, 24.9050,
-49.3910

243.9420, 31.1370,
-30.1670

159.7000, 25.2260,
-49.7020

247.1340, 22.1490,
-21.4590

131.0330, 28.4820,
-53.6460

250.4400, 12.8400,
-12.4400

106.4870, 21.5120,
-48.4720

253.7460, 3.5310,
-3.4210

83.1520, 12.5700,
-40.5980

60.9910, 3.0780,
-33.7700

38.2210, -9.0730,

-28.3130

■ 21.7190, -10.1750,
-19.3510

■ 2.3480, -1.1000,
-2.0920

■ 215.9990, 25.8220,
-49.4900

■ 215.9990, 25.8220,
-49.4900

■ 211.7680, 30.5460,
-58.0140

■ 220.2300, 21.0980,
-40.9660

■ 207.2380, 34.6740,
-66.7500


■ 224.7600, 16.9700,
-32.2300


■ 203.0070, 39.3980,
-75.2740

■ 228.9910, 12.2460,
-23.7060

■ 198.4770, 43.5260,
-84.0100


■ 233.5210, 8.1180,
-14.9700


 197.3800, 45.1770,
-86.3990

 237.8660, 3.0730,
-6.1350

 242.3960, -1.0550,
2.6010

 244.6890, -0.3220,
5.8380

 246.1840, 2.6580,
6.8980

 246.7820, 3.8500,
7.3220

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.3460, 61.9940, -33.2220



215.9990, 25.8220, -49.4900



204.4700, -41.7120, -59.0560

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.9990, 25.8220, -49.4900



177.5810, -151.4300, -53.0140



204.6830, 27.3190, 39.0550

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



215.9990, 25.8220, -49.4900



128.0010, -25.8220, 49.4900

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.2580, 18.1500, 34.5180



215.9990, 25.8220, -49.4900



181.9320, -121.0810, -35.8410

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.9990, 25.8220, -49.4900



178.7550, -151.9800, -54.0600



219.5600, -12.8400, 12.4400



199.5070, 47.4050, 16.4370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.9990, 25.8220, -49.4900



171.6870, -132.0780, -73.3420



219.5600, -12.8400, 12.4400



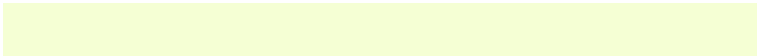
208.0400, 22.0000, 41.8400

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



215.9990, 25.8220, -49.4900



247.1080, 7.8430, -15.4930



161.8720, 73.9980, 13.5660



123.2420, 4.7700, -9.3580



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.9990, 25.8220, -49.4900



222.9760, 32.6560, -63.2160



195.6670, -14.7060, -63.9060



117.7350, 2.0640, -4.3680



150.4660, 34.0320, -66.1280



45.7290, 10.2280, -20.1720

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



128.0010, -25.8220, 49.4900



111.0240, -32.6560, 63.2160



148.3330, 14.7060, 63.9060



110.2650, -2.0640, 4.3680



33.2350, -34.6280, 65.9160



10.2710, -10.2280, 20.1720

Previews

White Background



This preview shows how the YIQ color 215.9990, 25.8220, -49.4900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 215.9990, 25.8220, -49.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.9990, 25.8220, -49.4900

Background



This preview shows how black text looks on a background with the YIQ color 215.9990, 25.8220, -49.4900.



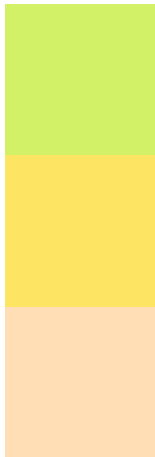
This preview shows how white text looks on a background with the YIQ color 215.9990, 25.8220,

-49.4900.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

215.9990, 25.8220, -49.4900

Protanopia

220.7690, 56.3090, -34.8190

Deuteranopia

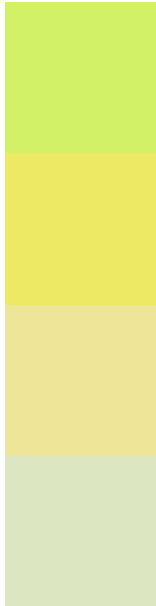
227.3070, 32.5080, -5.4440



Tritanopia

228.0520, -5.7780, 5.5980

Trichromacy



Original Color

215.9990, 25.8220, -49.4900

Protanomaly

219.0340, 45.0770, -40.5150

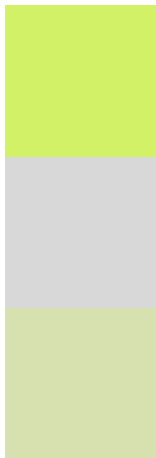
Deuteranomaly

223.3260, 30.3560, -21.5160

Tritanomaly

223.3790, 5.6420, -14.1500

Monochromacy



Original Color

215.9990, 25.8220, -49.4900

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0110, 9.4940, -17.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9990, 25.8220, -49.4900 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 241, 103)` looks like.

```
.text, #text, p{  
    color:rgb(210, 241, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 241, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 241, 103) }
```

Border

The CSS property to change the border of an element to YIQ 215.9990, 25.8220, -49.4900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 241, 103) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 241, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 241, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 241, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 241, 103);  
box-shadow:4px 4px 4px 4px rgb(210, 241,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9990, 25.8220, -49.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 241, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
241, 103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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