

Converting Colors

YIQ(196.9000, 56.1770,
-65.4790)

Have a look what the booklet for
YIQ(196.9000, 56.1770, -65.4790)
contains.

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Color

**YIQ(196.9000, 56.1770,
-65.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E017
RGB	210, 224, 23
RGB Percent	82%, 88%, 9%
CMY	0.1766, 0.1215, 0.9094
CMYK	0.06, 0.00, 0.90, 0.12
HSL	64°, 81%, 48%
HSV	64°, 90%, 88%
XYZ	53.3796, 67.0721, 10.9485
YIQ	196.9000, 56.1770, -65.4790

Conversions

Conversions Part 2

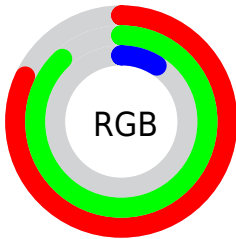
Format	Color
RYB	23, 224, 37
Decimal	13819927
CIELab	85.54, -25.15, 82.07
CIELCh	86, 85.834, 107.038
Yxy	67.0721, 0.4062, 0.5104
Android (android.graphics.Color)	4292010007 (0xFFD2E017)
YUV	196.9000, -85.7327, 11.4887
Hunter-Lab	81.8976, -26.9773, 49.4021

Details

The YIQ color **196.9000, 56.1770, -65.4790** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **50.1000, -56.1770, 65.4790**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **144.3520, 43.5210, -56.3750** is the 20% darker color. If you saturate the color by 10%, you get **193.7940, 62.0470, -72.7450**, and if you desaturate by 10%, it is **200.1200, 49.9860, -57.9020**.

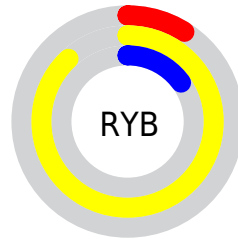
Distribution



Red (82%)

Green (88%)

Blue (9%)



Red (9%)

Yellow (88%)

Blue (15%)

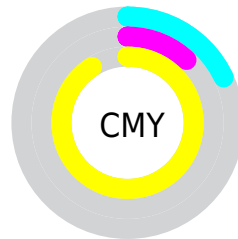


Cyan (6%)

Magenta (0%)

Yellow (90%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9000, 56.1770, -65.4790 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 196.9000, 56.1770, -65.4790 by changing the saturation by 10% instead.

■ 196.9000, 56.1770,
-65.4790

■ 196.9000, 56.1770,
-65.4790

■ 255.0000, -0.0000,
-0.0000

■ 168.8720, 53.3800,
-64.3480

■ 236.8740, 51.0390,
-49.4490

■ 144.3520, 43.5210,
-56.3750

■ 240.1800, 41.7300,
-40.4300

■ 120.4190, 33.3870,
-48.9250

■ 243.4860, 32.4210,
-31.4110

■ 96.7850, 23.8490,
-41.2630

■ 246.9060, 22.7910,
-22.0810

■ 73.4390, 13.4400,
-34.3360

■ 250.2120, 13.4820,
-13.0620

■ 51.8650, 3.6730,
-28.0310

■ 253.6320, 3.8520,

■ 29.6930, -7.2860,

-3.7320

-22.1500

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 196.9000, 56.1770,
-65.4790

■ 196.9000, 56.1770,
-65.4790

■ 193.7940, 62.0470,
-72.7450

■ 200.1200, 49.9860,
-57.9020

■ 193.6800, 62.3680,
-73.0560

■ 202.9270, 43.5200,
-50.8480

■ 206.0330, 37.6500,
-43.5820

■ 208.9540, 30.8630,
-36.2170

■ 212.0600, 24.9930,
-28.9510

■ 214.9810, 18.2060,
-21.5860

■ 218.0870, 12.3360,
-14.3200

■ 220.8940, 5.8700,
-7.2660

■ 224.1140, -0.3210,
0.3110

Harmonies

Analogous

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



195.4180, 87.8540, -39.3300



196.9000, 56.1770, -65.4790



185.4860, -30.6140, -72.9660

Triad

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



196.9000, 56.1770, -65.4790



174.0590, -149.7800, -49.8760



186.0930, 32.8170, 60.5690

Complementary

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



196.9000, 56.1770, -65.4790



50.1000, -56.1770, 65.4790

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.



205.6920, 23.1000, 43.9320



196.9000, 56.1770, -65.4790



165.8410, -145.9300, -42.5540

Square

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



196.9000, 56.1770, -65.4790



176.9940, -151.1550, -52.4910



192.1400, -55.9360, 0.5120



174.9840, 59.9640, 36.6360

Rectangle

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



196.9000, 56.1770, -65.4790



161.7470, -115.1120, -83.4640



192.1400, -55.9360, 0.5120



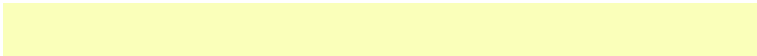
191.6040, 29.7000, 56.4840

Sweetspot

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



196.9000, 56.1770, -65.4790



245.6390, 19.1690, -22.5190



91.3170, 115.9460, 35.2900



122.4290, 11.3730, -13.3870



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.



196.9000, 56.1770, -65.4790



220.5480, 71.1270, -83.1210



167.0000, -3.4230, -86.6790



110.4470, 2.9350, -3.6330



152.3480, 49.3440, -57.2800



41.6310, 13.6200, -15.5640

Inverse Universe

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



50.1000, -56.1770, 65.4790



34.4520, -71.1270, 83.1210



80.0000, 3.4230, 86.6790



102.5530, -2.9350, 3.6330



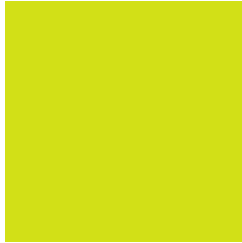
23.6520, -49.3440, 57.2800



6.3690, -13.6200, 15.5640

Previews

White Background



This preview shows how the YIQ color 196.9000, 56.1770, -65.4790 looks on a white background.

Color Contrast Check

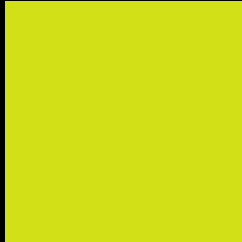
Large Text (above 18pt) WCAG AA × Fail

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 196.9000, 56.1770, -65.4790 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 196.9000, 56.1770, -65.4790

Background



This preview shows how black text looks on a background with the YIQ color 196.9000, 56.1770, -65.4790.



This preview shows how white text looks on a background with the YIQ color 196.9000, 56.1770, -65.4790.

-65.4790.

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

196.9000, 56.1770, -65.4790

Protanopia

199.8430, 78.6870, -54.9210

Deuteranopia

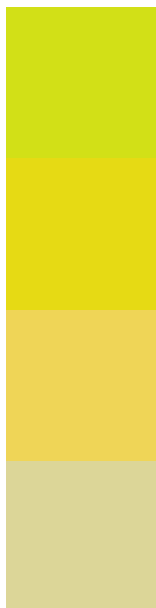
211.1890, 55.8470, -15.4250



Tritanopia

215.3200, 5.2710, 9.1030

Trichromacy



Original Color

196.9000, 56.1770, -65.4790

Protanomaly

199.0160, 70.7100, -59.0340

Deuteranomaly

206.4100, 55.9420, -33.6740

Tritanomaly

208.7260, 23.4780, -18.0100

Monochromacy



Original Color

196.9000, 56.1770, -65.4790

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1830, 20.4530, -23.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9000, 56.1770, -65.4790 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, 224, 23)` looks like.

```
.text, #text, p{  
    color:rgb(210, 224, 23)  
}
```

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, 224, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 23) }
```

Border

The CSS property to change the border of an element to YIQ 196.9000, 56.1770, -65.4790 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, 224, 23) }
```


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

```
.border{ border-color:rgb(210, 224, 23) }
```

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

Here you see how a box with a 4 pixel rgb(210, 224, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 23);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9000, 56.1770, -65.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 23) }
```

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

```
.background{ background-color: rgb(210,  
224, 23) }
```

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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