

Converting Colors

YIQ(201.2160, 50.0760,
-48.5160)

Have a look what the booklet for
YIQ(201.2160, 50.0760, -48.5160)
contains.

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Color

**YIQ(201.2160, 50.0760,
-48.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDB3F
RGB	219, 219, 63
RGB Percent	86%, 86%, 25%
CMY	0.1413, 0.1412, 0.7526
CMYK	0.00, 0.00, 0.71, 0.14
HSL	60°, 68%, 55%
HSV	60°, 71%, 86%
XYZ	55.4369, 66.0788, 14.5472
YIQ	201.2160, 50.0760, -48.5160

Conversions

Conversions Part 2

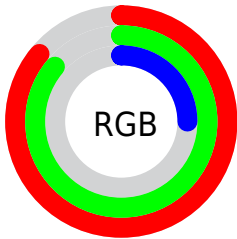
Format	Color
R_{YB}	63, 219, 63
Decimal	14408511
CIE _{Lab}	85.04, -17.75, 71.96
CIE _{LCh}	85, 74.113, 103.854
Yxy	66.0788, 0.4074, 0.4856
Android (android.graphics.Color)	4292598591 (0xFFDBDB3F)
YUV	201.2160, -68.1405, 15.5966
Hunter-Lab	81.2889, -20.5233, 46.2919

Details

The YIQ color **201.2160, 50.0760, -48.5160** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **80.7840, -50.0760, 48.5160**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7240, 43.0140, -41.6740**, and **144.1080, 50.2600, -51.8520** is the 20% darker color. If you saturate the color by 10%, you get **198.7080, 57.1380, -55.3580**, and if you desaturate by 10%, it is **203.7240, 43.0140, -41.6740**.

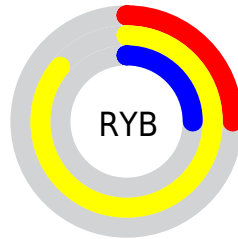
Distribution



Red (86%)

Green (86%)

Blue (25%)



Red (25%)

Yellow (86%)

Blue (25%)

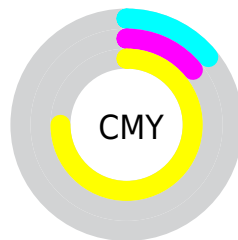


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.2160, 50.0760, -48.5160 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 201.2160, 50.0760, -48.5160 by changing the saturation by 10% instead.

■ 201.2160, 50.0760,
-48.5160

■ 201.2160, 50.0760,
-48.5160

■ 255.0000, -0.0000,
-0.0000

■ 171.9340, 50.8100,
-50.8060

■ 239.7240, 43.0140,
-41.6740

■ 144.1080, 50.2600,
-51.8520

■ 242.9160, 34.0260,
-32.9660

■ 120.4740, 40.7220,
-44.1900

■ 246.1080, 25.0380,
-24.2580

■ 97.4270, 30.9090,
-37.0510

■ 249.4140, 15.7290,
-15.2390

■ 74.9670, 20.8210,
-30.4350

■ 252.8340, 6.0990,
-5.9090

■ 52.8060, 11.3290,
-23.6070

■ 32.4170, 2.4790,

-17.4010

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 201.2160, 50.0760,
-48.5160

■ 201.2160, 50.0760,
-48.5160

■ 198.7080, 57.1380,
-55.3580

■ 203.7240, 43.0140,
-41.6740

■ 196.2000, 64.2000,
-62.2000

■ 206.2320, 35.9520,
-34.8320

■ 194.0340, 70.2990,
-68.1090

■ 208.7400, 28.8900,
-27.9900

■ 211.2480, 21.8280,
-21.1480

■ 213.7560, 14.7660,
-14.3060

■ 216.1500, 8.0250,
-7.7750

■ 218.6580, 0.9630,
-0.9330

■ 221.1660, -6.0990,
5.9090

■ 223.1040,
-11.5560, 11.1960

Harmonies

Analogous

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



198.8040, 75.5640, -25.8440



201.2160, 50.0760, -48.5160



191.7750, -14.8900, -60.5700

Triad

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



201.2160, 50.0760, -48.5160



171.7110, -148.6800, -47.7840



195.4850, 28.4170, 52.2010

Complementary

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



201.2160, 50.0760, -48.5160



80.7840, -50.0760, 48.5160

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.



210.9750, 20.6250, 39.2250



201.2160, 50.0760, -48.5160



164.6670, -145.3800, -41.5080

Square

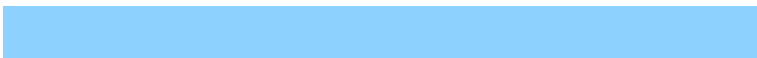
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.2160, 50.0760, -48.5160



172.2180, -145.9740, -52.7740



193.9120, -55.2940, -0.1100



184.5700, 52.2620, 33.0460

Rectangle

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



201.2160, 50.0760, -48.5160



173.2780, -85.4500, -70.3620



193.9120, -55.2940, -0.1100



199.8220, 25.8500, 49.1620

Sweetspot

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



201.2160, 50.0760, -48.5160



248.8440, 17.3340, -16.7940



109.6440, 92.9760, 33.0720



124.0530, 9.6760, -10.1640



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.



201.2160, 50.0760, -48.5160



230.2620, 69.6570, -67.4870



177.8940, 3.5880, -65.0520



108.7460, 3.5310, -3.4210



153.2780, 55.5330, -53.8030



40.7560, 14.7660, -14.3060

Inverse Universe

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



80.7840, -50.0760, 48.5160



62.7380, -69.6570, 67.4870



104.1060, -3.5880, 65.0520



100.2540, -3.5310, 3.4210



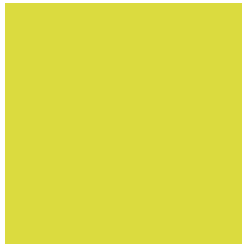
19.7220, -55.5330, 53.8030



5.2440, -14.7660, 14.3060

Previews

White Background



This preview shows how the YIQ color 201.2160, 50.0760, -48.5160 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 201.2160, 50.0760, -48.5160 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 201.2160, 50.0760, -48.5160

Background



This preview shows how black text looks on a background with the YIQ color 201.2160, 50.0760, -48.5160.



This preview shows how white text looks on a background with the YIQ color 201.2160, 50.0760,

-48.5160.

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

201.2160, 50.0760, -48.5160

Protanopia

203.1470, 63.6920, -41.9720

Deuteranopia

209.6730, 57.3600, -15.3120



Tritanopia

214.4950, 12.1480, 11.1240

Trichromacy



Original Color

201.2160, 50.0760, -48.5160

Protanomaly

202.3420, 58.6490, -44.1910

Deuteranomaly

206.3270, 54.9780, -27.2140

Tritanomaly

209.4370, 26.0900, -10.2780

Monochromacy



Original Color

201.2160, 50.0760, -48.5160

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.5020, 18.2970, -17.7270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.2160, 50.0760, -48.5160 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(219, 219, 63)` looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 63)  
}
```

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(219, 219, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 63) }
```

Border

The CSS property to change the border of an element to YIQ 201.2160, 50.0760, -48.5160 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(219, 219, 63) }
```


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

```
.border{ border-color:rgb(219, 219, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 63);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 201.2160, 50.0760, -48.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 63) }
```

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

```
.background{ background-color: rgb(219,  
219, 63) }
```

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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