

Converting Colors

YIQ(196.8600, 62.8220,
-48.2340)

Have a look what the booklet for
YIQ(196.8600, 62.8220, -48.2340)
contains.

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Color

**YIQ(196.8600, 62.8220,
-48.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D32D
RGB	227, 211, 45
RGB Percent	89%, 83%, 18%
CMY	0.1099, 0.1726, 0.8231
CMYK	0.00, 0.07, 0.80, 0.11
HSL	55°, 76%, 53%
HSV	55°, 80%, 89%
XYZ	55.4413, 63.1034, 11.7505
YIQ	196.8600, 62.8220, -48.2340

Conversions

Conversions Part 2

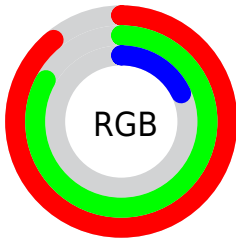
Format	Color
R _Y B	63, 227, 45
Decimal	14930733
CIE Lab	83.50, -11.10, 76.33
CIE LCh	83, 77.129, 98.273
Yxy	63.1034, 0.4255, 0.4843
Android (android.graphics.Color)	4293120813 (0xFFE3D32D)
YUV	196.8600, -74.8670, 26.4328
Hunter-Lab	79.4376, -14.4367, 46.8361

Details

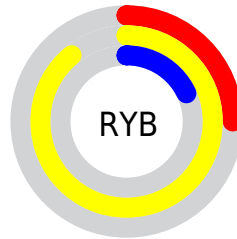
The YIQ color **196.8600, 62.8220, -48.2340** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **75.1400, -62.8220, 48.2340**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0140, 47.8290, -46.3390**, and **142.0920, 56.3570, -46.7070** is the 20% darker color. If you saturate the color by 10%, you get **193.0640, 70.7550, -54.3410**, and if you desaturate by 10%, it is **200.6560, 54.8890, -42.1270**.

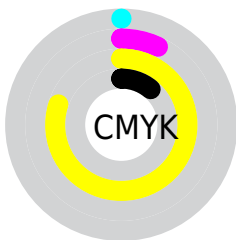
Distribution



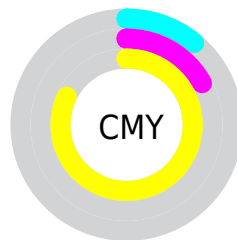
- Red (89%)
- Green (83%)
- Blue (18%)



- Red (25%)
- Yellow (89%)
- Blue (18%)



- Cyan (0%)
- Magenta (7%)
- Yellow (80%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.8600, 62.8220, -48.2340 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 196.8600, 62.8220, -48.2340 by changing the saturation by 10% instead.

196.8600, 62.8220,
-48.2340

196.8600, 62.8220,
-48.2340

255.0000, -0.0000,
-0.0000

166.9110, 66.8120,
-54.4680

238.0140, 47.8290,
-46.3390

142.0920, 56.3570,
-46.7070

241.3200, 38.5200,
-37.3200

118.1590, 46.2230,
-39.2570

244.6260, 29.2110,
-28.3010

95.1120, 36.4100,
-32.1180

247.8180, 20.2230,
-19.5930

72.6520, 26.3220,
-25.5020

251.2380, 10.5930,
-10.2630

51.0780, 16.5550,
-19.1970

254.6580, 0.9630,

31.2760, 7.4300,

-0.9330

-13.5140

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 196.8600, 62.8220,
-48.2340

■ 196.8600, 62.8220,
-48.2340

■ 193.0640, 70.7550,
-54.3410

■ 200.6560, 54.8890,
-42.1270

■ 189.3820, 78.3670,
-60.1370

■ 204.4520, 46.9560,
-36.0200

■ 208.1340, 39.3440,
-30.2240

■ 211.9300, 31.4110,
-24.1170

■ 215.7260, 23.4780,
-18.0100

■ 219.4080, 15.8660,
-12.2140

■ 223.2040, 7.9330,
-6.1070

■ 227.0000, -0.0000,
-0.0000

■ 230.6820, -7.6120,
5.7960

Harmonies

Analogous

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



192.3640, 79.9190, -22.1690



196.8600, 62.8220, -48.2340



188.6640, -1.4560, -61.7440

Triad

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



196.8600, 62.8220, -48.2340



169.9500, -147.8550, -46.2150



193.3650, 28.8750, 54.9150

Complementary

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



196.8600, 62.8220, -48.2340



75.1400, -62.8220, 48.2340

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.



205.5930, 9.8970, 35.4090



196.8600, 62.8220, -48.2340



164.0800, -145.1050, -40.9850

Square

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



196.8600, 62.8220, -48.2340



168.5190, -139.6920, -56.4920



178.3530, -87.7530, -12.0810



179.6120, 52.4440, 40.7640

Rectangle

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



196.8600, 62.8220, -48.2340



174.0430, -65.7350, -69.7270



178.3530, -87.7530, -12.0810



198.6480, 26.4000, 50.2080

Sweetspot

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



196.8600, 62.8220, -48.2340



245.1110, 20.9560, -16.3560



101.4700, 102.6940, 44.1820



121.4340, 12.9770, -9.4150



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.



196.8600, 62.8220, -48.2340



214.1560, 84.6950, -64.6890



184.4250, 14.9140, -72.0780



113.0450, 4.1270, -3.2090



149.2020, 61.8590, -47.3010



42.8380, 17.4710, -13.7690

Inverse Universe

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



75.1400, -62.8220, 48.2340



50.8440, -84.6950, 64.6890



87.5750, -14.9140, 72.0780



104.9550, -4.1270, 3.2090



29.7980, -61.8590, 47.3010



8.1620, -17.4710, 13.7690

Previews

White Background



This preview shows how the YIQ color 196.8600, 62.8220, -48.2340 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 196.8600, 62.8220, -48.2340 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 196.8600, 62.8220, -48.2340

Background



This preview shows how black text looks on a background with the YIQ color 196.8600, 62.8220, -48.2340.



This preview shows how white text looks on a background with the YIQ color 196.8600, 62.8220,

-48.2340.

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

196.8600, 62.8220, -48.2340

Protanopia

197.6650, 67.8650, -46.0150

Deuteranopia

203.8880, 66.7600, -20.4720



Tritanopia

211.2680, 20.2170, 13.5690

Trichromacy



Original Color

196.8600, 62.8220, -48.2340

Protanomaly

197.3550, 65.8020, -47.1740

Deuteranomaly

201.1940, 65.4780, -30.2820

Tritanomaly

206.0530, 36.0390, -8.8650

Monochromacy



Original Color

196.8600, 62.8220, -48.2340

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9540, 22.8360, -17.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.8600, 62.8220, -48.2340 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(227, 211, 45)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 45)  
}
```

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(227, 211, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 45) }
```

Border

The CSS property to change the border of an element to YIQ 196.8600, 62.8220, -48.2340 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(227, 211, 45) }
```


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

```
.border{ border-color:rgb(227, 211, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 45);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 196.8600, 62.8220, -48.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 45) }
```

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

```
.background{ background-color: rgb(227,  
211, 45) }
```

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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