

Converting Colors

YIQ(196.9180, 48.8800,
-26.8320)

Have a look what the booklet for
YIQ(196.9180, 48.8800, -26.8320)
contains.

YIQ(196.9180, 48.8800, -26.8320)	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(196.9180, 48.8800,
-26.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C961
RGB	227, 201, 97
RGB Percent	89%, 79%, 38%
CMY	0.1098, 0.2118, 0.6193
CMYK	0.00, 0.11, 0.57, 0.11
HSL	48°, 70%, 64%
HSV	48°, 57%, 89%
XYZ	54.7233, 58.9632, 19.8232
YIQ	196.9180, 48.8800, -26.8320

Conversions

Conversions Part 2

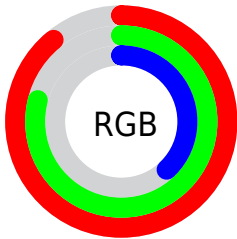
Format	Color
RYB	130, 227, 97
Decimal	14928225
CIELab	81.27, -3.32, 54.36
CIELCh	81, 54.457, 93.492
Yxy	58.9632, 0.4099, 0.4416
Android (android.graphics.Color)	4293118305 (0xFFE3C961)
YUV	196.9180, -49.2596, 26.3819
Hunter-Lab	76.7875, -7.1685, 38.4452

Details

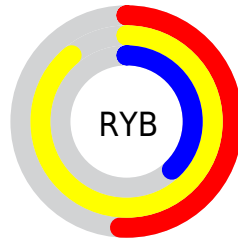
The YIQ color **196.9180, 48.8800, -26.8320** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **127.0820, -48.8800, 26.8320**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.1440, 33.3840, -32.3440**, and **141.8360, 46.1750, -27.3690** is the 20% darker color. If you saturate the color by 10%, you get **191.3610, 57.6380, -31.3700**, and if you desaturate by 10%, it is **202.4750, 40.1220, -22.2940**.

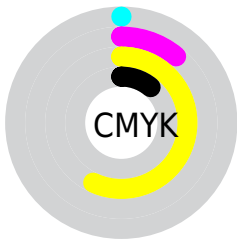
Distribution



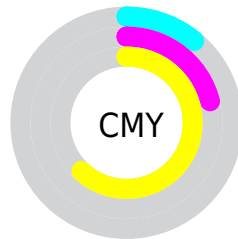
- Red (89%)
- Green (79%)
- Blue (38%)



- Red (51%)
- Yellow (89%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.9180, 48.8800, -26.8320 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 196.9180, 48.8800, -26.8320 by changing the saturation by 10% instead.

■ 196.9180, 48.8800,
-26.8320

■ 196.9180, 48.8800,
-26.8320

■ 255.0000, -0.0000,
-0.0000

■ 169.4340, 47.3670,
-26.9450

■ 243.1440, 33.3840,
-32.3440

■ 141.8360, 46.1750,
-27.3690

■ 246.2220, 24.7170,
-23.9470

■ 115.2550, 46.3130,
-29.8710

■ 249.4140, 15.7290,
-15.2390

■ 90.7260, 40.6730,
-26.7750

■ 252.7200, 6.4200,
-6.2200

■ 69.4510, 31.5020,
-20.2580

■ 47.8770, 21.7350,
-13.9530

■ 28.6620, 12.3350,

-8.7930

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 196.9180, 48.8800,
-26.8320

■ 196.9180, 48.8800,
-26.8320

■ 191.3610, 57.6380,
-31.3700

■ 202.4750, 40.1220,
-22.2940

■ 186.5050, 65.8000,
-36.1200

■ 207.3310, 31.9600,
-17.5440

■ 180.9480, 74.5580,
-40.6580

■ 212.8880, 23.2020,
-13.0060

■ 175.9780, 83.0410,
-45.7190

■ 217.8580, 14.7190,
-7.9450

■ 174.7070, 85.2420,
-47.0620

■ 223.4150, 5.9610,
-3.4070

■ 228.2710, -2.2010,
1.3430

■ 233.7140,
-10.6380, 5.5700

■ 236.0620,
-11.7380, 3.4780

■ 238.9970,
-13.1130, 0.8630

Harmonies

Analogous

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



196.3200, 66.0240, -7.1280



196.9180, 48.8800, -26.8320



191.2270, 7.9850, -40.1030

Triad

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



196.9180, 48.8800, -26.8320



162.3190, -144.2800, -39.4160



203.1330, 26.1720, 43.3240

Complementary

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



196.9180, 48.8800, -26.8320



127.0820, -48.8800, 26.8320

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.



202.2380, -5.4610, 27.3950



196.9180, 48.8800, -26.8320



157.6230, -142.0800, -35.2320

Square

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



196.9180, 48.8800, -26.8320



157.3200, -128.8260, -55.1780



187.0790, -63.1340, -1.1980



192.1500, 44.6970, 32.4810

Rectangle

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



196.9180, 48.8800, -26.8320



185.6280, -26.9970, -44.8930



187.0790, -63.1340, -1.1980



206.8660, 22.5500, 42.8860

Sweetspot

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



196.9180, 48.8800, -26.8320



244.8150, 16.2780, -8.6660



139.0620, 68.4920, 36.2680



121.5140, 9.9960, -4.9480



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.



196.9180, 48.8800, -26.8320



214.3910, 66.1210, -36.4310



201.1170, 19.6780, -48.2740



111.8710, 4.6770, -2.1630



137.4620, 67.3590, -36.8410



39.3160, 19.1210, -10.6310

Inverse Universe

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



127.0820, -48.8800, 26.8320



119.6090, -66.1210, 36.4310



122.8830, -19.6780, 48.2740



106.1290, -4.6770, 2.1630



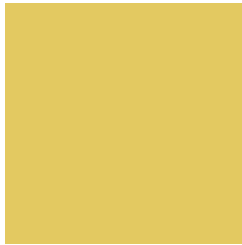
41.5380, -67.3590, 36.8410



11.6840, -19.1210, 10.6310

Previews

White Background



This preview shows how the YIQ color 196.9180, 48.8800, -26.8320 looks on a white background.

Color Contrast Check

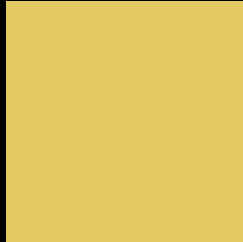
Large Text (above 18pt) WCAG AA × Fail

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 196.9180, 48.8800, -26.8320 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 196.9180, 48.8800, -26.8320

Background



This preview shows how black text looks on a background with the YIQ color 196.9180, 48.8800, -26.8320.



This preview shows how white text looks on a background with the YIQ color 196.9180, 48.8800, -26.8320.

-26.8320.

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

196.9180, 48.8800, -26.8320

Protanopia

196.6080, 46.8170, -27.9910

Deuteranopia

198.4410, 63.8250, -16.8390



Tritanopia

205.0620, 23.7930, 14.8410

Trichromacy



Original Color

196.9180, 48.8800, -26.8320

Protanomaly

196.9070, 47.4130, -27.7790

Deuteranomaly

197.6960, 58.5530, -20.4150

Tritanomaly

201.7680, 32.8280, -0.2280

Monochromacy



Original Color

196.9180, 48.8800, -26.8320

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.7720, 17.8370, -9.3870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.9180, 48.8800, -26.8320 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, 201, 97)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 97)  
}
```

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, 201, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 97) }
```

Border

The CSS property to change the border of an element to YIQ 196.9180, 48.8800, -26.8320 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, 201, 97) }
```


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

```
.border{ border-color:rgb(227, 201, 97) }
```

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

Here you see how a box with a 4 pixel rgb(227, 201, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 97);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 196.9180, 48.8800, -26.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 97) }
```

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

```
.background{ background-color: rgb(227,  
201, 97) }
```

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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