

Converting Colors

YIQ(196.8750, 50.4390,
-27.5530)

Have a look what the booklet for
YIQ(196.8750, 50.4390, -27.5530)
contains.

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Color

**YIQ(196.8750, 50.4390,
-27.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C95E
RGB	228, 201, 94
RGB Percent	89%, 79%, 37%
CMY	0.1059, 0.2118, 0.6311
CMYK	0.00, 0.12, 0.59, 0.11
HSL	48°, 71%, 63%
HSV	48°, 59%, 89%
XYZ	54.9023, 59.0712, 19.1149
YIQ	196.8750, 50.4390, -27.5530

Conversions

Conversions Part 2

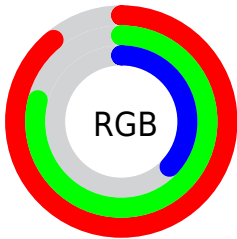
Format	Color
RYB	128, 228, 94
Decimal	14993758
CIELab	81.33, -3.12, 55.82
CIELCh	81, 55.912, 93.198
Yxy	59.0712, 0.4125, 0.4438
Android (android.graphics.Color)	4293183838 (0xFFE4C95E)
YUV	196.8750, -50.7174, 27.2966
Hunter-Lab	76.8578, -6.9922, 39.0548

Details

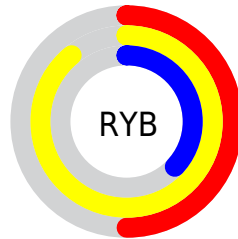
The YIQ color **196.8750, 50.4390, -27.5530** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **125.1250, -50.4390, 27.5530**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.8020, 34.3470, -33.2770**, and **141.7930, 47.7340, -28.0900** is the 20% darker color. If you saturate the color by 10%, you get **191.3180, 59.1970, -32.0910**, and if you desaturate by 10%, it is **202.4320, 41.6810, -23.0150**.

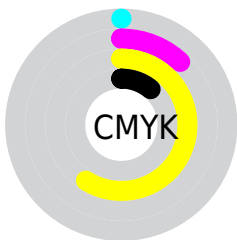
Distribution



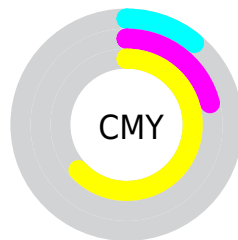
- Red (89%)
- Green (79%)
- Blue (37%)



- Red (50%)
- Yellow (89%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (59%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.8750, 50.4390, -27.5530 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 196.8750, 50.4390, -27.5530 by changing the saturation by 10% instead.

■ 196.8750, 50.4390,
-27.5530

■ 196.8750, 50.4390,
-27.5530

255.0000, -0.0000,
-0.0000

■ 169.3910, 48.9260,
-27.6660

■ 242.8020, 34.3470,
-33.2770

■ 141.7930, 47.7340,
-28.0900

■ 245.8800, 25.6800,
-24.8800

■ 114.3430, 48.8810,
-32.3590

■ 249.0720, 16.6920,
-16.1720

■ 91.0250, 41.2690,
-26.5630

■ 252.3780, 7.3830,
-7.1530

■ 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

■ 196.8750, 50.4390,
-27.5530

■ 196.8750, 50.4390,
-27.5530

■ 191.3180, 59.1970,
-32.0910

■ 202.4320, 41.6810,
-23.0150

■ 186.3480, 67.6800,
-37.1520

■ 207.4020, 33.1980,
-17.9540

■ 180.9050, 76.1170,
-41.3790

■ 212.8450, 24.7610,
-13.7270

■ 175.9350, 84.6000,
-46.4400

■ 217.8150, 16.2780,
-8.6660

■ 175.0060, 85.8380,
-46.8500

■ 223.3720, 7.5200,
-4.1280

■ 228.9290, -1.2380,
0.4100

■ 233.8990, -9.7210,
5.4710

■ 236.9480,
-11.4170, 3.1670

■ 239.2960,
-12.5170, 1.0750

Harmonies

Analogous

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



195.5050, 66.9410, -7.2270



196.8750, 50.4390, -27.5530



191.4720, 8.6730, -41.5590

Triad

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



196.8750, 50.4390, -27.5530



162.3190, -144.2800, -39.4160



202.7740, 25.8050, 44.4690

Complementary

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



196.8750, 50.4390, -27.5530



125.1250, -50.4390, 27.5530

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.



201.9390, -6.0570, 27.1830



196.8750, 50.4390, -27.5530



158.2100, -142.3550, -35.7550

Square

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



196.8750, 50.4390, -27.5530



157.9070, -129.1010, -55.7010



186.4700, -65.7930, -2.5690



191.5630, 44.9720, 33.0040

Rectangle

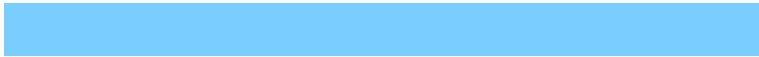
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



196.8750, 50.4390, -27.5530



184.8020, -27.5470, -45.9390



186.4700, -65.7930, -2.5690



206.8660, 22.5500, 42.8860

Sweetspot

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



196.8750, 50.4390, -27.5530



244.4730, 17.2410, -9.5990



137.3720, 70.5550, 37.4270



121.1720, 10.9590, -5.8810



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.



196.8750, 50.4390, -27.5530



213.5760, 67.0380, -36.5300



201.3620, 20.3660, -49.7300



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.



125.1250, -50.4390, 27.5530



117.8370, -66.7630, 37.0530



120.6380, -20.3660, 49.7300



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 196.8750, 50.4390, -27.5530 looks on a white background.

Color Contrast Check

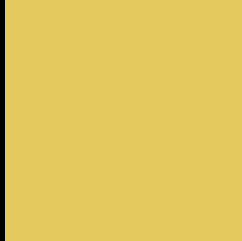
Large Text (above 18pt) WCAG AA × Fail

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 196.8750, 50.4390, -27.5530 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 196.8750, 50.4390, -27.5530

Background



This preview shows how black text looks on a background with the YIQ color 196.8750, 50.4390, -27.5530.



This preview shows how white text looks on a background with the YIQ color 196.8750, 50.4390,

-27.5530.

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

196.8750, 50.4390, -27.5530

Protanopia

196.3800, 47.4590, -28.6130

Deuteranopia

198.0990, 64.7880, -17.7720



Tritanopia

205.3610, 24.3890, 15.0530

Trichromacy



Original Color

196.8750, 50.4390, -27.5530

Protanomaly

196.6790, 48.0550, -28.4010

Deuteranomaly

197.3540, 59.5160, -21.3480

Tritanomaly

201.9530, 33.7450, -0.3270

Monochromacy



Original Color

196.8750, 50.4390, -27.5530

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.6580, 18.1580, -9.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.8750, 50.4390, -27.5530 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(228, 201, 94)` looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 94)  
}
```

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(228, 201, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 94) }
```

Border

The CSS property to change the border of an element to YIQ 196.8750, 50.4390, -27.5530 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(228, 201, 94) }
```


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

```
.border{ border-color:rgb(228, 201, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 94);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 196.8750, 50.4390, -27.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 94) }
```

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

```
.background{ background-color: rgb(228,  
201, 94) }
```

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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