

Converting Colors

YIQ(183.9750, 61.9010,
-26.0270)

Have a look what the booklet for
YIQ(183.9750, 61.9010, -26.0270)
contains.

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Color

**YIQ(183.9750, 61.9010,
-26.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B847
RGB	227, 184, 71
RGB Percent	89%, 72%, 28%
CMY	0.1098, 0.2785, 0.7212
CMYK	0.00, 0.19, 0.69, 0.11
HSL	43°, 74%, 58%
HSV	43°, 69%, 89%
XYZ	49.9579, 51.0616, 13.1984
YIQ	183.9750, 61.9010, -26.0270

Conversions

Conversions Part 2

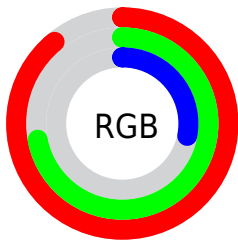
Format	Color
RYB	130, 227, 71
Decimal	14923847
CIELab	76.72, 3.87, 60.88
CIELCh	77, 60.998, 86.358
Yxy	51.0616, 0.4374, 0.4471
Android (android.graphics.Color)	4293113927 (0xFFE3B847)
YUV	183.9750, -55.6967, 37.7329
Hunter-Lab	71.4574, -0.2561, 39.0692

Details

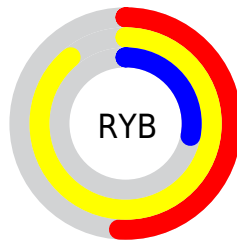
The YIQ color **183.9750, 61.9010, -26.0270** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **114.0250, -61.9010, 26.0270**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **231.3750, 45.8550, -32.5850**, and **127.8130, 62.1770, -31.0310** is the 20% darker color. If you saturate the color by 10%, you get **177.8310, 70.9340, -30.0420**, and if you desaturate by 10%, it is **190.1190, 52.8680, -22.0120**.

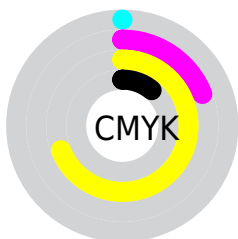
Distribution



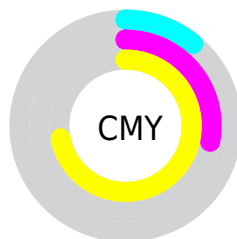
- Red (89%)
- Green (72%)
- Blue (28%)



- Red (51%)
- Yellow (89%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.9750, 61.9010, -26.0270 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 183.9750, 61.9010, -26.0270 by changing the saturation by 10% instead.

183.9750, 61.9010,
-26.0270

183.9750, 61.9010,
-26.0270

255.0000, -0.0000,
-0.0000

155.9640, 60.4340,
-26.9740

231.3750, 45.8550,
-32.5850

127.8130, 62.1770,
-31.0310

243.2580, 33.0630,
-32.0330

103.7830, 53.6940,
-25.9700

246.4500, 24.0750,
-23.3250

81.3230, 43.6060,
-19.3540

249.7560, 14.7660,
-14.3060

60.0370, 32.9680,
-13.7840

252.9480, 5.7780,
-5.5980

39.3490, 23.5220,
-7.7900

20.1340, 14.1220,

-2.6300

■ 0.0000, 0.0000,
0.0000

■ 183.9750, 61.9010,
-26.0270

■ 183.9750, 61.9010,
-26.0270

■ 177.8310, 70.9340,
-30.0420

■ 190.1190, 52.8680,
-22.0120

■ 171.2140, 79.9210,
-33.2230

■ 196.7360, 43.8810,
-18.8310

■ 165.0700, 88.9540,
-37.2380

■ 202.8800, 34.8480,
-14.8160

■ 164.1410, 90.1920,
-37.6480

■ 209.0240, 25.8150,
-10.8010

■ 215.1680, 16.7820,
-6.7860

■ 221.7850, 7.7950,
-3.6050

■ 227.9290, -1.2380,
0.4100

■ 234.0730,
-10.2710, 4.4250

■ 237.8230,
-12.5630, 1.9090

Harmonies

Analogous

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



182.8700, 76.3390, -1.3330



183.9750, 61.9010, -26.0270



178.7630, 20.9150, -43.1570

Triad

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



183.9750, 61.9010, -26.0270



154.5110, -136.0730, -39.4730



195.1750, 26.3540, 51.0420

Complementary

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



183.9750, 61.9010, -26.0270



114.0250, -61.9010, 26.0270

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.



187.0880, -22.6540, 25.1060



183.9750, 61.9010, -26.0270



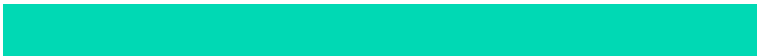
152.9270, -139.8800, -31.0480

Square

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



183.9750, 61.9010, -26.0270



147.8990, -117.4550, -57.5110



154.2660, -118.4250, -17.8890



181.1110, 49.6010, 42.7290

Rectangle

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



183.9750, 61.9010, -26.0270



172.9680, -16.4510, -48.7950



154.2660, -118.4250, -17.8890



193.5320, 11.8670, 43.7630

Sweetspot

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



183.9750, 61.9010, -26.0270



240.0390, 21.4590, -8.9490



122.6600, 78.8520, 46.7560



119.0690, 12.7470, -5.2450



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.



183.9750, 61.9010, -26.0270



197.1280, 83.0390, -34.6650



199.0500, 29.8120, -55.7240



111.8710, 4.6770, -2.1630



129.2440, 71.2090, -29.5190



36.9680, 20.2210, -8.5390

Inverse Universe

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



114.0250, -61.9010, 26.0270



103.8720, -83.0390, 34.6650



98.9500, -29.8120, 55.7240



106.1290, -4.6770, 2.1630



49.1690, -70.9340, 30.0420



14.0320, -20.2210, 8.5390

Previews

White Background



This preview shows how the YIQ color 183.9750, 61.9010, -26.0270 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 183.9750, 61.9010, -26.0270 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 183.9750, 61.9010, -26.0270

Background



This preview shows how black text looks on a background with the YIQ color 183.9750, 61.9010, -26.0270.



This preview shows how white text looks on a background with the YIQ color 183.9750, 61.9010, -26.0270.

-26.0270.

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

183.9750, 61.9010, -26.0270

Protanopia

182.9410, 50.0730, -31.9350

Deuteranopia

184.4320, 68.0440, -21.7160



Tritanopia

192.7320, 33.6500, 17.9220

Trichromacy



Original Color

183.9750, 61.9010, -26.0270

Protanomaly

183.4470, 54.5200, -29.9280

Deuteranomaly

184.1220, 65.9810, -22.8750

Tritanomaly

189.3950, 44.2440, 2.1320

Monochromacy



Original Color

183.9750, 61.9010, -26.0270

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.1100, 22.6970, -9.3590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9750, 61.9010, -26.0270 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, 184, 71)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 71)  
}
```

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, 184, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 71) }
```

Border

The CSS property to change the border of an element to YIQ 183.9750, 61.9010, -26.0270 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, 184, 71) }
```


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

```
.border{ border-color:rgb(227, 184, 71) }
```

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

Here you see how a box with a 4 pixel rgb(227, 184, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 71);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9750, 61.9010, -26.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 71) }
```

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

```
.background{ background-color: rgb(227,  
184, 71) }
```

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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