

Converting Colors

YIQ(187.4880, 30.0800,
-16.5120)

Have a look what the booklet for
YIQ(187.4880, 30.0800, -16.5120)
contains.

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Color

**YIQ(187.4880, 30.0800,
-16.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBE7E
RGB	206, 190, 126
RGB Percent	81%, 75%, 49%
CMY	0.1922, 0.2549, 0.5057
CMYK	0.00, 0.08, 0.39, 0.19
HSL	48°, 45%, 65%
HSV	48°, 39%, 81%
XYZ	47.6341, 51.4531, 27.1741
YIQ	187.4880, 30.0800, -16.5120

Conversions

Conversions Part 2

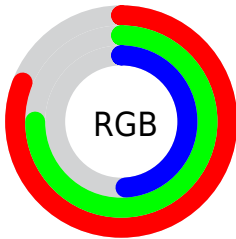
Format	Color
RYB	146, 206, 126
Decimal	13549182
CIELab	76.95, -3.50, 34.34
CIELCh	77, 34.521, 95.819
Yxy	51.4531, 0.3773, 0.4075
Android (android.graphics.Color)	4291739262 (0xFFCEBE7E)
YUV	187.4880, -30.3136, 16.2350
Hunter-Lab	71.7308, -6.9930, 27.7505

Details

The YIQ color **187.4880, 30.0800, -16.5120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **144.5120, -30.0800, 16.5120**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0530, 26.8710, -18.9290**, and **133.9330, 27.3290, -16.2150** is the 20% darker color. If you saturate the color by 10%, you get **182.7460, 37.9210, -20.9510**, and if you desaturate by 10%, it is **192.2300, 22.2390, -12.0730**.

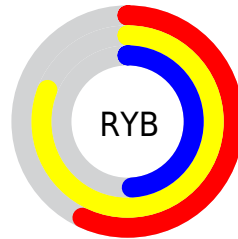
Distribution



Red (81%)

Green (75%)

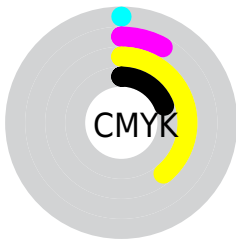
Blue (49%)



Red (57%)

Yellow (81%)

Blue (49%)

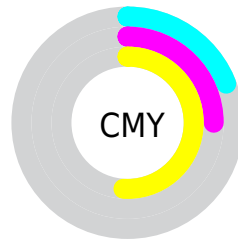


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (19%)



Cyan (19%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.4880, 30.0800, -16.5120 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 187.4880, 30.0800, -16.5120 by changing the saturation by 10% instead.

■ 187.4880, 30.0800,
-16.5120

■ 187.4880, 30.0800,
-16.5120

■ 255.0000, -0.0000,
-0.0000

■ 160.4170, 28.8420,
-16.1020

■ 241.0530, 26.8710,
-18.9290

■ 133.9330, 27.3290,
-16.2150

■ 249.5280, 15.4080,
-14.9280

■ 108.7480, 26.4120,
-16.1160

■ 252.8340, 6.0990,
-5.9090

■ 83.6770, 25.1740,
-15.7060

■ 59.5520, 24.0280,
-16.9640

■ 39.3050, 17.6540,
-11.5780

■ 20.0900, 8.2540,

-6.4180

■ 0.0000, 0.0000,
0.0000

■ 187.4880, 30.0800,
-16.5120

■ 187.4880, 30.0800,
-16.5120

■ 182.7460, 37.9210,
-20.9510

■ 192.2300, 22.2390,
-12.0730

■ 178.1180, 45.4410,
-25.0790

■ 196.8580, 14.7190,
-7.9450

■ 173.3760, 53.2820,
-29.5180

■ 201.6000, 6.8780,
-3.5060

■ 168.7480, 60.8020,
-33.6460

■ 206.2280, -0.6420,
0.6220

■ 163.4190, 68.9180,
-37.5620

■ 211.5570, -8.7580,
4.5380

■ 158.6770, 76.7590,
-42.0010

■ 216.2990,
-16.5990, 8.9770

■ 158.4490, 77.4010,
-42.6230

■ 219.2170,
-19.3040, 8.4400

■ 221.5650,
-20.4040, 6.3480

■ 223.9130,
-21.5040, 4.2560

Harmonies

Analogous

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



190.0870, 47.8670, -2.9570



187.4880, 30.0800, -16.5120



183.5600, 3.2140, -25.2180

Triad

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



187.4880, 30.0800, -16.5120



171.5030, -79.7280, -19.8560



195.0920, 24.2490, 28.6090

Complementary

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



187.4880, 30.0800, -16.5120



144.5120, -30.0800, 16.5120

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.



193.6460, -6.7900, 23.9460



187.4880, 30.0800, -16.5120



178.1490, -69.3230, -4.6750

Square

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



187.4880, 30.0800, -16.5120



173.6280, -61.3870, -27.3630



187.9020, -40.1660, 12.0740



193.8800, 45.1570, 24.1410

Rectangle

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



187.4880, 30.0800, -16.5120



180.8440, -18.1970, -28.1570



187.9020, -40.1660, 12.0740



194.8890, 14.5750, 27.7190

Sweetspot

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



187.4880, 30.0800, -16.5120



247.9440, 11.6010, -6.5030



151.8580, 42.2230, 22.2470



123.6000, 6.8780, -3.5060



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.



187.4880, 30.0800, -16.5120



227.2320, 45.1200, -24.7680



190.0030, 11.9720, -29.7560



99.6860, 3.7600, -2.0640



127.7050, 62.3610, -34.3670



29.5590, 14.1230, -8.1570

Inverse Universe

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



144.5120, -30.0800, 16.5120



162.7680, -45.1200, 24.7680



141.9970, -11.9720, 29.7560



94.3140, -3.7600, 2.0640



38.2950, -62.3610, 34.3670



9.0280, -14.3980, 7.6340

Previews

White Background



This preview shows how the YIQ color 187.4880, 30.0800, -16.5120 looks on a white background.

Color Contrast Check

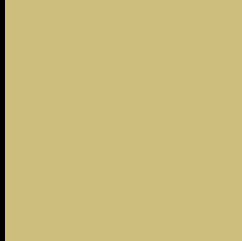
Large Text (above 18pt) WCAG AA × Fail

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 187.4880, 30.0800, -16.5120 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 187.4880, 30.0800, -16.5120

Background



This preview shows how black text looks on a background with the YIQ color 187.4880, 30.0800, -16.5120.



This preview shows how white text looks on a background with the YIQ color 187.4880, 30.0800,

-16.5120.

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

187.4880, 30.0800, -16.5120

Protanopia

187.4880, 30.0800, -16.5120

Deuteranopia

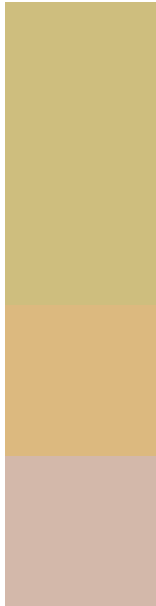
189.5980, 44.7500, -7.0420



Tritanopia

192.4630, 15.1740, 11.3500

Trichromacy



Original Color

187.4880, 30.0800, -16.5120

Protanomaly

187.4880, 30.0800, -16.5120

Deuteranomaly

188.8530, 39.4780, -10.6180

Tritanomaly

190.4770, 20.5860, 1.3700

Monochromacy



Original Color

187.4880, 30.0800, -16.5120

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.1720, 10.9590, -5.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4880, 30.0800, -16.5120 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(206, 190, 126)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 126)  
}
```

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(206, 190, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 126) }
```

Border

The CSS property to change the border of an element to YIQ 187.4880, 30.0800, -16.5120 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(206, 190, 126) }
```


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

```
.border{ border-color:rgb(206, 190, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 126);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4880, 30.0800, -16.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 126) }
```

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

```
.background{ background-color: rgb(206,  
190, 126) }
```

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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