

Converting Colors

YIQ(183.5050, 31.4100,
-18.5900)

Have a look what the booklet for
YIQ(183.5050, 31.4100, -18.5900)
contains.

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Color

**YIQ(183.5050, 31.4100,
-18.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	CABB75
RGB	202, 187, 117
RGB Percent	79%, 73%, 46%
CMY	0.2079, 0.2667, 0.5410
CMYK	0.00, 0.07, 0.42, 0.21
HSL	49°, 44%, 63%
HSV	49°, 42%, 79%
XYZ	45.3391, 49.3796, 23.9853
YIQ	183.5050, 31.4100, -18.5900

Conversions

Conversions Part 2

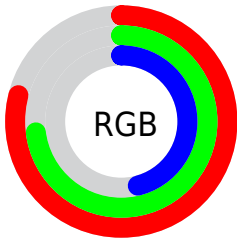
Format	Color
RYB	135, 202, 117
Decimal	13286261
CIELab	75.69, -4.53, 37.29
CIELCh	76, 37.566, 96.923
Yxy	49.3796, 0.3820, 0.4160
Android (android.graphics.Color)	4291476341 (0xFFCABB75)
YUV	183.5050, -32.7870, 16.2201
Hunter-Lab	70.2706, -7.8041, 28.9521

Details

The YIQ color $183.5050, 31.4100, -18.5900$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $135.4950, -31.4100, 18.5900$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $238.2660, 30.5850, -20.1590$, and $129.9500, 28.6590, -18.2930$ is the 20% darker color. If you saturate the color by 10%, you get $178.8770, 38.9300, -22.7180$, and if you desaturate by 10%, it is $188.1330, 23.8900, -14.4620$.

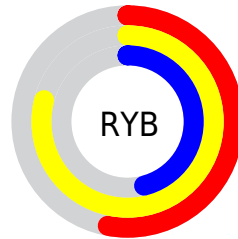
Distribution



Red (79%)

Green (73%)

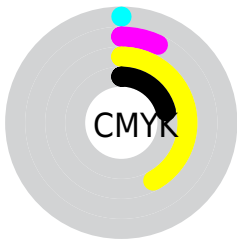
Blue (46%)



Red (53%)

Yellow (79%)

Blue (46%)

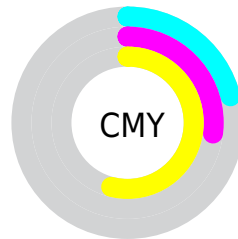


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.5050, 31.4100, -18.5900 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 183.5050, 31.4100, -18.5900 by changing the saturation by 10% instead.

■ 183.5050, 31.4100,
-18.5900

■ 183.5050, 31.4100,
-18.5900

255.0000, -0.0000,
-0.0000

■ 156.4340, 30.1720,
-18.1800

■ 238.2660, 30.5850,
-20.1590

■ 129.9500, 28.6590,
-18.2930

■ 248.5020, 18.2970,
-17.7270

■ 104.7650, 27.7420,
-18.1940

■ 251.6940, 9.3090,
-9.0190

■ 80.1670, 26.5500,
-18.6180

■ 56.7260, 23.4780,
-18.0100

■ 36.6360, 15.2240,
-11.5920

■ 17.1220, 5.2280,

-6.6440

■ 0.0000, 0.0000,
0.0000

■ 183.5050, 31.4100,
-18.5900

■ 183.5050, 31.4100,
-18.5900

■ 178.8770, 38.9300,
-22.7180

■ 188.1330, 23.8900,
-14.4620

■ 174.8360, 46.1750,
-27.3690

■ 192.1740, 16.6450,
-9.8110

■ 170.0940, 54.0160,
-31.8080

■ 196.9160, 8.8040,
-5.3720

■ 166.0530, 61.2610,
-36.4590

■ 200.9570, 1.5590,
-0.7210

■ 161.4250, 68.7810,
-40.5870

■ 205.5850, -5.9610,
3.4070

■ 157.8400, 74.7420,
-43.9940

■ 209.6260,
-13.2060, 8.0580

■ 213.9120,
-19.7630, 11.2530

■ 216.2600,
-20.8630, 9.1610

■ 218.0210,
-21.6880, 7.5920

Harmonies

Analogous

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



186.1150, 50.6640, -4.0880



183.5050, 31.4100, -18.5900



179.4950, 1.8390, -27.8330

Triad

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



183.5050, 31.4100, -18.5900



162.6690, -94.9950, -24.0110



191.5270, 27.4580, 31.0260

Complementary

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



183.5050, 31.4100, -18.5900



135.4950, -31.4100, 18.5900

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.



190.4120, -6.0110, 26.3490



183.5050, 31.4100, -18.5900



172.1310, -78.0800, -5.6640

Square

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



183.5050, 31.4100, -18.5900



166.0720, -71.5650, -30.1330



183.9880, -43.2840, 13.5160



190.3860, 49.6040, 26.1480

Rectangle

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



183.5050, 31.4100, -18.5900



175.8220, -21.1310, -30.0510



183.9880, -43.2840, 13.5160



191.5520, 17.1420, 30.7580

Sweetspot

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



183.5050, 31.4100, -18.5900



247.7160, 12.2430, -7.1250



144.2390, 45.5240, 22.9960



123.2580, 7.8410, -4.4390



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.



183.5050, 31.4100, -18.5900



227.0210, 47.0920, -27.4680



184.2370, 11.1930, -32.1590



99.6860, 3.7600, -2.0640



129.4660, 61.5360, -35.9360



29.5590, 14.1230, -8.1570

Inverse Universe

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



135.4950, -31.4100, 18.5900



155.3920, -46.8170, 27.9910



134.7630, -11.1930, 32.1590



94.3140, -3.7600, 2.0640



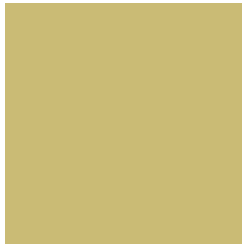
35.9470, -61.2610, 36.4590



8.4410, -14.1230, 8.1570

Previews

White Background



This preview shows how the YIQ color 183.5050, 31.4100, -18.5900 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 183.5050, 31.4100, -18.5900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

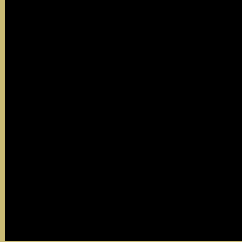
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 183.5050, 31.4100, -18.5900

Background



This preview shows how black text looks on a background with the YIQ color 183.5050, 31.4100, -18.5900.



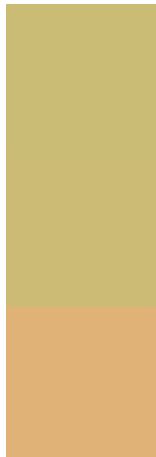
This preview shows how white text looks on a background with the YIQ color 183.5050, 31.4100,

-18.5900.

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

183.5050, 31.4100, -18.5900

Protanopia

183.8040, 32.0060, -18.3780

Deuteranopia

185.3270, 46.9510, -8.3850



Tritanopia

189.1640, 14.5780, 11.1380

Trichromacy



Original Color

183.5050, 31.4100, -18.5900

Protanomaly

183.8040, 32.0060, -18.3780

Deuteranomaly

184.5820, 41.6790, -11.9610

Tritanomaly

186.9500, 20.6320, 0.5360

Monochromacy



Original Color

183.5050, 31.4100, -18.5900

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9440, 11.6010, -6.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.5050, 31.4100, -18.5900 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(202, 187, 117)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 117)  
}
```

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(202, 187, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 117) }
```

Border

The CSS property to change the border of an element to YIQ 183.5050, 31.4100, -18.5900 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(202, 187, 117) }
```


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

```
.border{ border-color:rgb(202, 187, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 187, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 187, 117); box-shadow:4px 4px 4px 4px rgb(202, 187, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 183.5050, 31.4100, -18.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 117) }
```

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

```
.background{ background-color: rgb(202,  
187, 117) }
```

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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