

Converting Colors

YIQ(185.5870, 34.1150,
-18.0530)

Have a look what the booklet for
YIQ(185.5870, 34.1150, -18.0530)
contains.

YIQ(185.5870, 34.1150, -18.0530)	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(185.5870, 34.1150,
-18.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBC75
RGB	207, 188, 117
RGB Percent	81%, 74%, 46%
CMY	0.1882, 0.2628, 0.5410
CMYK	0.00, 0.09, 0.43, 0.19
HSL	47°, 48%, 64%
HSV	47°, 43%, 81%
XYZ	46.9274, 50.5139, 24.1214
YIQ	185.5870, 34.1150, -18.0530

Conversions

Conversions Part 2

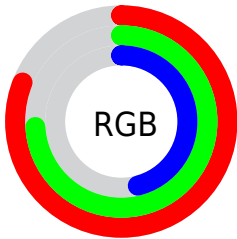
Format	Color
RYB	141, 207, 117
Decimal	13614197
CIELab	76.38, -3.02, 38.27
CIELCh	76, 38.385, 94.514
Yxy	50.5139, 0.3860, 0.4155
Android (android.graphics.Color)	4291804277 (0xFFCFBC75)
YUV	185.5870, -33.8134, 18.7792
Hunter-Lab	71.0731, -6.5198, 29.6288

Details

The YIQ color **185.5870, 34.1150, -18.0530** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138.4130, -34.1150, 18.0530**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.8530, 30.3100, -20.6820**, and **132.0320, 31.3640, -17.7560** is the 20% darker color. If you saturate the color by 10%, you get **180.8450, 41.9560, -22.4920**, and if you desaturate by 10%, it is **190.3290, 26.2740, -13.6140**.

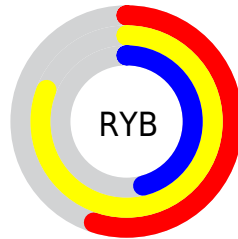
Distribution



Red (81%)

Green (74%)

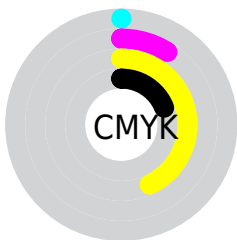
Blue (46%)



Red (55%)

Yellow (81%)

Blue (46%)

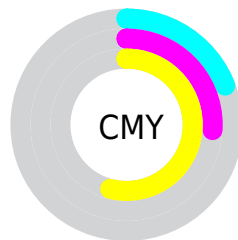


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.5870, 34.1150, -18.0530 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 185.5870, 34.1150, -18.0530 by changing the saturation by 10% instead.

■ 185.5870, 34.1150,
-18.0530

■ 185.5870, 34.1150,
-18.0530

255.0000, -0.0000,
-0.0000

■ 158.5160, 32.8770,
-17.6430

■ 238.8530, 30.3100,
-20.6820

■ 132.0320, 31.3640,
-17.7560

■ 248.5020, 18.2970,
-17.7270

■ 106.5480, 29.8510,
-17.8690

■ 251.6940, 9.3090,
-9.0190

■ 81.8360, 28.9800,
-18.6040

■ 58.5090, 25.5870,
-17.6850

■ 38.4190, 17.3330,
-11.2670

■ 19.2040, 7.9330,

-6.1070

■ 0.0000, 0.0000,
0.0000

■ 185.5870, 34.1150,
-18.0530

■ 185.5870, 34.1150,
-18.0530

■ 180.8450, 41.9560,
-22.4920

■ 190.3290, 26.2740,
-13.6140

■ 175.6300, 49.7510,
-26.0970

■ 195.5440, 18.4790,
-10.0090

■ 170.8880, 57.5920,
-30.5360

■ 200.2860, 10.6380,
-5.5700

■ 166.1460, 65.4330,
-34.9750

■ 205.0280, 2.7970,
-1.1310

■ 160.9310, 73.2280,
-38.5800

■ 210.3570, -5.3190,
2.7850

■ 157.5740, 78.5470,
-41.3650

■ 214.9850,
-12.8390, 6.9130

■ 219.5160,
-18.7080, 8.6520

■ 221.8640,
-19.8080, 6.5600

■ 224.2120,
-20.9080, 4.4680

Harmonies

Analogous

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



188.4250, 52.7270, -2.9290



185.5870, 34.1150, -18.0530



181.4630, 4.8650, -27.6070

Triad

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



185.5870, 34.1150, -18.0530



162.3480, -98.5250, -26.1170



193.6840, 25.5780, 32.0580

Complementary

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



185.5870, 34.1150, -18.0530



138.4130, -34.1150, 18.0530

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.



191.8570, -8.7620, 26.6460



185.5870, 34.1150, -18.0530



172.4400, -83.4440, -7.5720

Square

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



185.5870, 34.1150, -18.0530



168.3170, -70.8770, -31.5890



184.5530, -46.4930, 11.0990



191.7280, 48.6410, 27.0810

Rectangle

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



185.5870, 34.1150, -18.0530



177.9640, -18.6550, -30.8710



184.5530, -46.4930, 11.0990



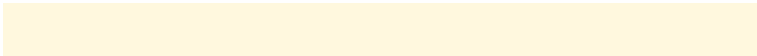
193.2960, 14.9870, 31.2670

Sweetspot

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



185.5870, 34.1150, -18.0530



247.1290, 12.5180, -6.6020



146.1900, 47.2200, 25.3000



122.6710, 8.1160, -3.9160



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.



185.5870, 34.1150, -18.0530



223.4020, 50.3930, -26.7190



189.2650, 13.9900, -33.2900



101.9850, 4.3560, -1.8520



128.3030, 63.5530, -33.9430



31.0430, 15.6360, -8.0440

Inverse Universe

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



138.4130, -34.1150, 18.0530



153.5980, -50.3930, 26.7190



135.0340, -13.3940, 33.5020



96.4280, -4.0810, 2.3750



40.2840, -63.8280, 33.4200



9.9570, -15.6360, 8.0440

Previews

White Background



This preview shows how the YIQ color 185.5870, 34.1150, -18.0530 looks on a white background.

Color Contrast Check

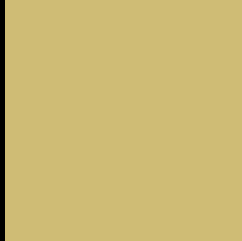
Large Text (above 18pt) WCAG AA × Fail

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 185.5870, 34.1150, -18.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

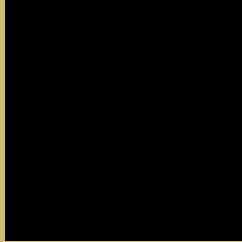
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.5870, 34.1150, -18.0530

Background



This preview shows how black text looks on a background with the YIQ color 185.5870, 34.1150, -18.0530.



This preview shows how white text looks on a background with the YIQ color 185.5870, 34.1150, -18.0530.

-18.0530.

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

185.5870, 34.1150, -18.0530

Protanopia

185.2880, 33.5190, -18.2650

Deuteranopia

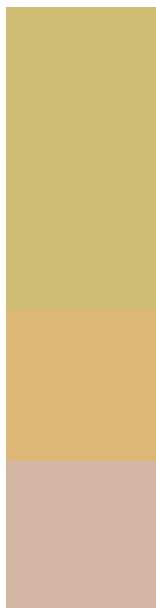
187.0990, 47.5930, -9.0070



Tritanopia

191.3600, 16.9620, 11.9860

Trichromacy



Original Color

185.5870, 34.1150, -18.0530

Protanomaly

185.2880, 33.5190, -18.2650

Deuteranomaly

186.6530, 42.9170, -12.3710

Tritanomaly

189.0320, 23.3370, 1.0730

Monochromacy



Original Color

185.5870, 34.1150, -18.0530

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.1290, 12.5180, -6.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5870, 34.1150, -18.0530 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(207, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 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(207, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 117) }
```

Border

The CSS property to change the border of an element to YIQ 185.5870, 34.1150, -18.0530 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(207, 188, 117) }
```


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

```
.border{ border-color:rgb(207, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5870, 34.1150, -18.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 117) }
```

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

```
.background{ background-color: rgb(207,  
188, 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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