

Converting Colors

YIQ(185.5150, 16.2820,
-30.7740)

Have a look what the booklet for
YIQ(185.5150, 16.2820, -30.7740)
contains.

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Color

**YIQ(185.5150, 16.2820,
-30.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C973
RGB	182, 201, 115
RGB Percent	71%, 79%, 45%
CMY	0.2864, 0.2117, 0.5489
CMYK	0.09, 0.00, 0.43, 0.21
HSL	73°, 44%, 62%
HSV	73°, 43%, 79%
XYZ	43.2703, 52.9575, 24.1710
YIQ	185.5150, 16.2820, -30.7740

Conversions

Conversions Part 2

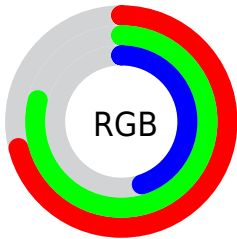
Format	Color
RYB	115, 201, 134
Decimal	11979123
CIELab	77.85, -19.89, 40.71
CIELCh	78, 45.308, 116.034
Yxy	52.9575, 0.3594, 0.4399
Android (android.graphics.Color)	4290169203 (0xFFB6C973)
YUV	185.5150, -34.7639, -3.0827
Hunter-Lab	72.7719, -21.2143, 31.2473

Details

The YIQ color **185.5150, 16.2820, -30.7740** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130.4850, -16.2820, 30.7740**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.2980, 18.3910, -30.4490**, and **131.8570, 15.3190, -29.8410** is the 20% darker color. If you saturate the color by 10%, you get **182.0390, 20.3180, -37.8420**, and if you desaturate by 10%, it is **188.9910, 12.2460, -23.7060**.

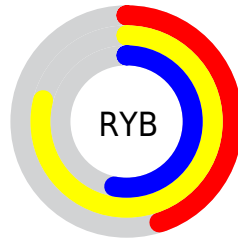
Distribution



Red (71%)

Green (79%)

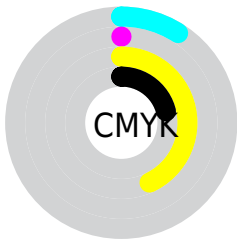
Blue (45%)



Red (45%)

Yellow (79%)

Blue (53%)

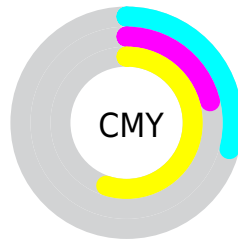


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.5150, 16.2820, -30.7740 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 185.5150, 16.2820, -30.7740 by changing the saturation by 10% instead.

■ 185.5150, 16.2820,
-30.7740

■ 185.5150, 16.2820,
-30.7740

255.0000, -0.0000,
-0.0000

■ 158.3300, 15.3650,
-30.6750

■ 240.2980, 18.3910,
-30.4490

■ 131.9710, 14.9980,
-29.5300

■ 248.2740, 18.9390,
-18.3490

■ 105.7860, 14.0810,
-29.4310

■ 251.4660, 9.9510,
-9.6410

■ 80.5580, 14.7230,
-30.0530

254.7720, 0.6420,
-0.6220

■ 58.1000, 10.3210,
-27.3670

■ 37.4230, 2.3420,
-20.4260

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 185.5150, 16.2820,
-30.7740

■ 185.5150, 16.2820,
-30.7740

■ 182.0390, 20.3180,
-37.8420

■ 188.9910, 12.2460,
-23.7060

■ 178.2640, 23.7580,
-45.1220

■ 192.7660, 8.8060,
-16.4260

■ 174.7880, 27.7940,
-52.1900

■ 196.2420, 4.7700,
-9.3580

■ 171.0130, 31.2340,
-59.4700

■ 200.0170, 1.3300,
-2.0780

■ 167.5370, 35.2700,
-66.5380

■ 203.6070, -3.0270,
5.3010

■ 164.9300, 38.2970,
-71.8390

■ 207.3820, -6.4670,
12.5810

■ 210.7440,
-10.1820, 19.3380

■ 212.2390, -7.2020,
20.3980

■ 213.4350, -4.8180,
21.2460

Harmonies

Analogous

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



189.6440, 47.1360, -17.2480



185.5150, 16.2820, -30.7740



179.1540, -25.3020, -37.0620

Triad

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



185.5150, 16.2820, -30.7740



151.7530, -139.3300, -30.0020



192.3780, 44.0550, 33.1030

Complementary

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



185.5150, 16.2820, -30.7740



130.4850, -16.2820, 30.7740

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.



197.7360, 19.8000, 37.6560



185.5150, 16.2820, -30.7740



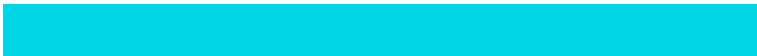
180.2790, -66.5730, 0.5550

Square

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



185.5150, 16.2820, -30.7740



151.6100, -132.0380, -41.0140



193.5890, -19.8110, 23.1410



189.3510, 56.7120, 18.4720

Rectangle

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



185.5150, 16.2820, -30.7740



172.0330, -58.6340, -38.7140



193.5890, -19.8110, 23.1410



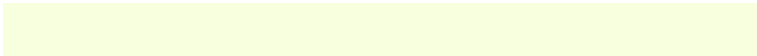
195.1480, 39.0110, 36.4110

Sweetspot

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



185.5150, 16.2820, -30.7740



249.1450, 6.4210, -11.7470



151.8670, 46.0310, 8.2950



124.1110, 3.7610, -7.5910



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.



185.5150, 16.2820, -30.7740



231.5090, 24.4460, -46.5780



172.6580, -9.3460, -39.8900



97.3760, 1.6970, -3.2230



133.6540, 30.8670, -58.3250



29.5040, 6.7880, -12.8920

Inverse Universe

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



130.4850, -16.2820, 30.7740



148.4910, -24.4460, 46.5780



143.3420, 9.3460, 39.8900



91.6240, -1.6970, 3.2230



29.3460, -30.8670, 58.3250



6.4960, -6.7880, 12.8920

Previews

White Background



This preview shows how the YIQ color 185.5150, 16.2820, -30.7740 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 185.5150, 16.2820, -30.7740 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 185.5150, 16.2820, -30.7740

Background



This preview shows how black text looks on a background with the YIQ color 185.5150, 16.2820, -30.7740.



This preview shows how white text looks on a background with the YIQ color 185.5150, 16.2820,

-30.7740.

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

185.5150, 16.2820, -30.7740

Protanopia

188.5610, 37.0040, -20.8520

Deuteranopia

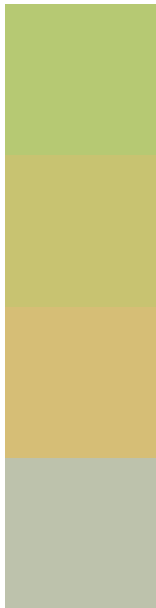
190.3550, 49.7480, -9.5160



Tritanopia

192.6070, -3.0270, 5.3010

Trichromacy



Original Color

185.5150, 16.2820, -30.7740

Protanomaly

187.1470, 29.3020, -24.4420

Deuteranomaly

188.9680, 37.4160, -17.3040

Tritanomaly

189.9970, 4.0820, -7.9020

Monochromacy



Original Color

185.5150, 16.2820, -30.7740

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.6720, 6.3750, -10.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.5150, 16.2820, -30.7740 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(182, 201, 115)` looks like.

```
.text, #text, p{  
    color:rgb(182, 201, 115)  
}
```

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(182, 201, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 201, 115) }
```

Border

The CSS property to change the border of an element to YIQ 185.5150, 16.2820, -30.7740 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(182, 201, 115) }
```


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

```
.border{ border-color:rgb(182, 201, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 201, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 201, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 201, 115);  
box-shadow:4px 4px 4px 4px rgb(182, 201,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 185.5150, 16.2820, -30.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 201, 115) }
```

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

```
.background{ background-color: rgb(182,  
201, 115) }
```

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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