

Converting Colors

YIQ(185.4800, 15.3630,
-19.6210)

Have a look what the booklet for
YIQ(185.4800, 15.3630, -19.6210)
contains.

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Color

**YIQ(185.4800, 15.3630,
-19.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC287
RGB	188, 194, 135
RGB Percent	74%, 76%, 53%
CMY	0.2628, 0.2392, 0.4705
CMYK	0.03, 0.00, 0.30, 0.24
HSL	66°, 33%, 65%
HSV	66°, 30%, 76%
XYZ	44.4032, 51.0244, 30.4401
YIQ	185.4800, 15.3630, -19.6210

Conversions

Conversions Part 2

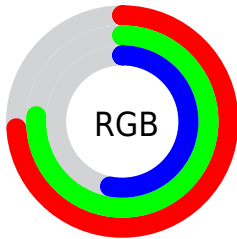
Format	Color
RYB	135, 194, 141
Decimal	12370567
CIELab	76.69, -11.57, 29.04
CIELCh	77, 31.263, 111.730
Yxy	51.0244, 0.3528, 0.4054
Android (android.graphics.Color)	4290560647 (0xFFBCC287)
YUV	185.4800, -24.8866, 2.2100
Hunter-Lab	71.4313, -14.0455, 24.7358

Details

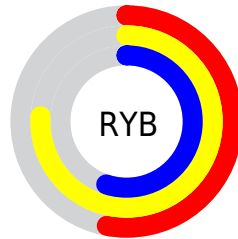
The YIQ color **185.4800, 15.3630, -19.6210** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **143.5200, -15.3630, 19.6210**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.5510, 16.6010, -20.0310**, and **131.9360, 14.0790, -18.3770** is the 20% darker color. If you saturate the color by 10%, you get **182.7160, 20.2700, -25.9540**, and if you desaturate by 10%, it is **188.2440, 10.4560, -13.2880**.

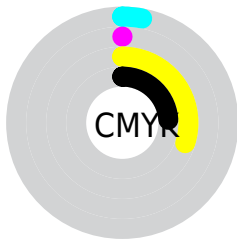
Distribution



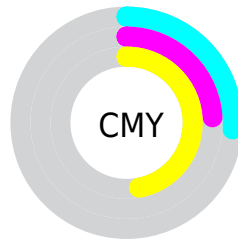
- Red (74%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.4800, 15.3630, -19.6210 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 185.4800, 15.3630, -19.6210 by changing the saturation by 10% instead.

■ 185.4800, 15.3630,
-19.6210

■ 185.4800, 15.3630,
-19.6210

255.0000, -0.0000,
-0.0000

■ 158.5940, 15.0420,
-19.3100

■ 241.5510, 16.6010,
-20.0310

■ 131.9360, 14.0790,
-18.3770

■ 250.6680, 12.1980,
-11.8180

■ 106.7510, 13.1620,
-18.2780

■ 253.8600, 3.2100,
-3.1100

■ 81.9790, 12.5200,
-17.6560

■ 58.6800, 11.9240,
-17.8680

■ 37.4780, 9.6770,
-15.6910

■ 17.0670, -2.1070,

-11.3790

0.0000, 0.0000,
0.0000

185.4800, 15.3630,
-19.6210

185.4800, 15.3630,
-19.6210

182.7160, 20.2700,
-25.9540

188.2440, 10.4560,
-13.2880

179.8380, 25.4980,
-32.5980

191.1220, 5.2280,
-6.6440

177.0740, 30.4050,
-38.9310

193.8860, 0.3210,
-0.3110

174.1960, 35.6330,
-45.5750

196.7640, -4.9070,
6.3330

171.4320, 40.5400,
-51.9080

199.5280, -9.8140,
12.6660

■ 168.6680, 45.4470,
-58.2410

■ 202.2920,
-14.7210, 18.9990

■ 165.9040, 50.3540,
-64.5740

■ 203.3460,
-14.8130, 20.6670

■ 203.9440,
-13.6210, 21.0910

■ 204.5420,
-12.4290, 21.5150

Harmonies

Analogous

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



188.5260, 36.0850, -9.6990



185.4800, 15.3630, -19.6210



181.7740, -12.0080, -24.6800

Triad

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



185.4800, 15.3630, -19.6210



176.9440, -67.4880, -10.4000



193.8340, 33.6030, 24.2830

Complementary

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



185.4800, 15.3630, -19.6210



143.5200, -15.3630, 19.6210

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.



193.5570, 9.5780, 24.6660



185.4800, 15.3630, -19.6210



183.7820, -48.8760, 4.7240

Square

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



185.4800, 15.3630, -19.6210



174.1750, -64.1850, -20.7050



191.0140, -19.8100, 17.6140



192.6210, 47.0840, 16.7480

Rectangle

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



185.4800, 15.3630, -19.6210



178.8950, -31.4020, -25.6260



191.0140, -19.8100, 17.6140



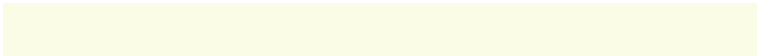
193.7670, 26.5420, 25.5980

Sweetspot

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



185.4800, 15.3630, -19.6210



248.8940, 5.8700, -7.2660



156.1630, 33.5140, 9.3700



125.6920, 3.6230, -5.0890



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.



185.4800, 15.3630, -19.6210



239.0490, 23.5260, -29.8980



176.8090, -1.9210, -25.7690



95.5610, 2.6140, -3.3220



137.5630, 41.5490, -53.6750



28.3410, 8.8050, -10.8990

Inverse Universe

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



143.5200, -15.3630, 19.6210



174.9510, -23.5260, 29.8980



152.1910, 1.9210, 25.7690



88.4390, -2.6140, 3.3220



23.1380, -42.1450, 53.4630



4.6590, -8.8050, 10.8990

Previews

White Background



This preview shows how the YIQ color 185.4800, 15.3630, -19.6210 looks on a white background.

Color Contrast Check

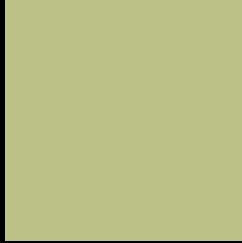
Large Text (above 18pt) WCAG AA × Fail

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 185.4800, 15.3630, -19.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

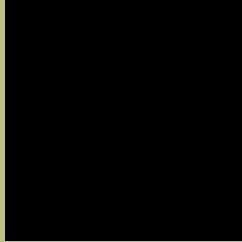
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.4800, 15.3630, -19.6210

Background



This preview shows how black text looks on a background with the YIQ color 185.4800, 15.3630, -19.6210.



This preview shows how white text looks on a background with the YIQ color 185.4800, 15.3630, -19.6210.

-19.6210.

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

185.4800, 15.3630, -19.6210

Protanopia

187.1010, 26.9160, -14.2360

Deuteranopia

188.9550, 39.4310, -4.2570



Tritanopia

190.5860, 1.4660, 6.4740

Trichromacy



Original Color

185.4800, 15.3630, -19.6210

Protanomaly

186.5950, 22.4690, -16.2430

Deuteranomaly

187.8890, 30.6290, -9.9390

Tritanomaly

188.7140, 6.5570, -3.1950

Monochromacy



Original Color

185.4800, 15.3630, -19.6210

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0080, 5.5490, -6.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.4800, 15.3630, -19.6210 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(188, 194, 135)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 135)  
}
```

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(188, 194, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 135) }
```

Border

The CSS property to change the border of an element to YIQ 185.4800, 15.3630, -19.6210 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(188, 194, 135) }
```


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

```
.border{ border-color:rgb(188, 194, 135) }
```

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

Here you see how a box with a 4 pixel rgb(188, 194, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 135);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 185.4800, 15.3630, -19.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 135) }
```

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

```
.background{ background-color: rgb(188,  
194, 135) }
```

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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