

Converting Colors

YIQ(185.9800, -5.2750, 13.0050)

Have a look what the booklet for
YIQ(185.9800, -5.2750, 13.0050)
contains.

YIQ(185.9800, -5.2750, 13.0050)	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(185.9800, -5.2750,
13.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB3D6
RGB	189, 179, 214
RGB Percent	74%, 70%, 84%
CMY	0.2588, 0.2980, 0.1608
CMYK	0.12, 0.16, 0.00, 0.16
HSL	257°, 30%, 77%
HSV	257°, 16%, 84%
XYZ	49.2445, 47.9133, 70.2628
YIQ	185.9800, -5.2750, 13.0050

Conversions

Conversions Part 2

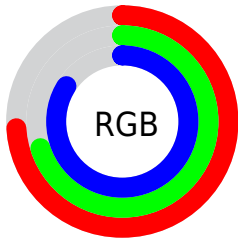
Format	Color
R_{YB}	189, 179, 214
Decimal	12432342
CIE _{Lab}	74.77, 10.33, -16.33
CIE _{LCh}	75, 19.324, 302.325
Yxy	47.9133, 0.2941, 0.2862
Android (android.graphics.Color)	4290622422 (0xFFBDB3D6)
YUV	185.9800, 13.8139, 2.6485
Hunter-Lab	69.2194, 5.8555, -11.7302

Details

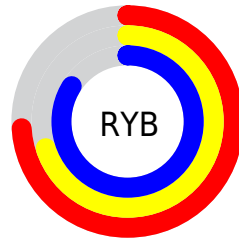
The YIQ color $185.9800, -5.2750, 13.0050$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.0200, 5.2750, -13.0050$, and the grayscale version is $186.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $240.2700, -0.4600, 8.3400$, and $132.4530, -5.2290, 12.1710$ is the 20% darker color. If you saturate the color by 10%, you get $169.1680, -8.4400, 20.8080$, and if you desaturate by 10%, it is $202.7920, -2.1100, 5.2020$.

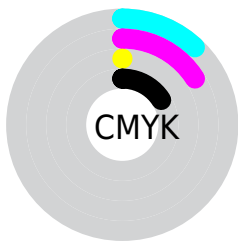
Distribution



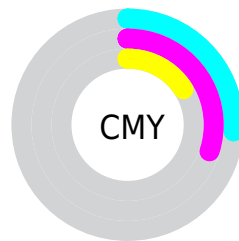
- Red (74%)
- Green (70%)
- Blue (84%)



- Red (74%)
- Yellow (70%)
- Blue (84%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9800, -5.2750, 13.0050 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 185.9800, -5.2750, 13.0050 by changing the saturation by 10% instead.

■ 185.9800, -5.2750,
13.0050

■ 185.9800, -5.2750,
13.0050

■ 255.0000, -0.0000,
-0.0000

■ 158.8660, -4.9540,
12.6940

■ 240.2700, -0.4600,
8.3400

■ 132.4530, -5.2290,
12.1710

■ 107.3390, -4.9080,
11.8600

■ 82.9260, -5.1830,
11.3370

■ 60.2850, -4.8160,
10.1920

■ 37.8720, -5.0910,
9.6690

■ 16.4700, -3.8990,

10.0930

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 185.9800, -5.2750,
13.0050

■ 185.9800, -5.2750,
13.0050

■ 169.1680, -8.4400,
20.8080

■ 202.7920, -2.1100,
5.2020

■ 151.4700,
-11.9260, 28.9220

■ 220.4900, 1.3760,
-2.9120

■ 134.6580,
-15.0910, 36.7250

■ 237.3020, 4.5410,
-10.7150

■ 117.2590,
-17.9810, 45.0510

■ 248.8310, 10.1810,
-13.8110

■ 100.4470,
-21.1460, 52.8540

■ 250.3260, 13.1610,
-12.7510

■ 83.3360, -24.9070,
60.4450

■ 65.9370, -27.7970,
68.7710

■ 49.1250, -30.9620,
76.5740

■ 42.6350, -32.3380,
79.4860

Harmonies

Analogous

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



183.1950, -22.2380, 6.5460



185.9800, -5.2750, 13.0050



187.2440, 11.5970, 15.6050

Triad

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



185.9800, -5.2750, 13.0050



184.7290, 28.5640, -0.0440



177.1270, -28.6990, -14.0350

Complementary

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



185.9800, -5.2750, 13.0050



207.0200, 5.2750, -13.0050

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.



179.2720, -13.1100, -15.7180



185.9800, -5.2750, 13.0050



183.0110, 18.6620, -7.8180

Square

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



185.9800, -5.2750, 13.0050



186.5540, 30.8550, 7.9990



181.4220, 4.0830, -13.4290



177.5700, -37.1360, -9.8080

Rectangle

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



185.9800, -5.2750, 13.0050



187.3930, 21.3630, 14.8270



181.4220, 4.0830, -13.4290



177.9380, -23.7930, -14.8410

Sweetspot

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



185.9800, -5.2750, 13.0050



244.6780, -1.7890, 4.8910



197.6650, -18.1100, -2.1900



121.5100, -1.3760, 2.9120



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.



185.9800, -5.2750, 13.0050



214.2990, -7.4310, 19.0410



191.0630, 4.8570, 16.6090



98.1510, -1.7430, 4.0570



34.1450, -25.6870, 63.5690



8.4900, -6.6510, 15.9170

Inverse Universe

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



192.3150, 12.8350, 15.1950



223.3530, 18.8400, 22.0080



201.9370, -4.8570, -16.6090



100.2010, 3.9880, 4.8200



65.0370, 62.7540, 74.1940



16.3910, 15.6770, 18.7570

Previews

White Background



This preview shows how the YIQ color 185.9800, -5.2750, 13.0050 looks on a white background.

Color Contrast Check

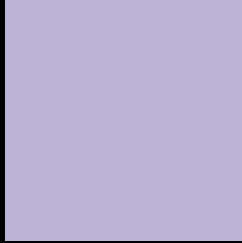
Large Text (above 18pt) WCAG AA × Fail

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 185.9800, -5.2750, 13.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

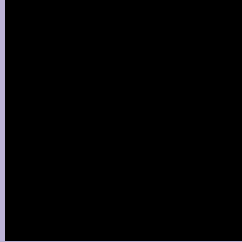
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.9800, -5.2750, 13.0050

Background



This preview shows how black text looks on a background with the YIQ color 185.9800, -5.2750, 13.0050.



This preview shows how white text looks on a background with the YIQ color 185.9800, -5.2750,

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

185.9800, -5.2750, 13.0050

Protanopia

184.3810, -13.8940, 9.5140

Deuteranopia

186.2680, -6.1460, 12.2700



Tritanopia

184.7920, -2.1100, 5.2020

Trichromacy



Original Color

185.9800, -5.2750, 13.0050

Protanomaly

184.8760, -10.9140, 10.5740

Deuteranomaly

186.2680, -6.1460, 12.2700

Tritanomaly

185.3020, -3.4860, 8.1140

Monochromacy



Original Color

185.9800, -5.2750, 13.0050

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.6780, -1.7890, 4.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9800, -5.2750, 13.0050 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(189, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 214)  
}
```

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(189, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 214) }
```

Border

The CSS property to change the border of an element to YIQ 185.9800, -5.2750, 13.0050 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(189, 179, 214) }
```


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

```
.border{ border-color:rgb(189, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9800, -5.2750, 13.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 214) }
```

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

```
.background{ background-color: rgb(189,  
179, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor