

Converting Colors

YIQ(185.0040, 11.3720, -7.8600)

Have a look what the booklet for
YIQ(185.0040, 11.3720, -7.8600)
contains.

YIQ(185.0040, 11.3720, -7.8600)	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(185.0040, 11.3720,
-7.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBB9F
RGB	191, 187, 159
RGB Percent	75%, 73%, 62%
CMY	0.2510, 0.2667, 0.3764
CMYK	0.00, 0.02, 0.17, 0.25
HSL	52°, 20%, 69%
HSV	53°, 17%, 75%
XYZ	45.5148, 49.1198, 39.8908
YIQ	185.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

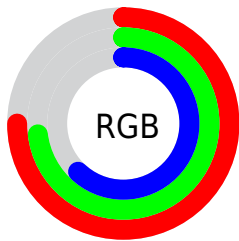
Format	Color
RYB	164, 191, 159
Decimal	12565407
CIELab	75.53, -3.33, 14.69
CIELCh	76, 15.066, 102.767
Yxy	49.1198, 0.3383, 0.3651
Android (android.graphics.Color)	4290755487 (0xFFBFBB9F)
YUV	185.0040, -12.8200, 5.2585
Hunter-Lab	70.0855, -6.7286, 15.3136

Details

The YIQ color **185.0040, 11.3720, -7.8600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **164.9960, -11.3720, 7.8600**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.1890, 12.2890, -7.9590**, and **131.9330, 10.1340, -7.4500** is the 20% darker color. If you saturate the color by 10%, you get **181.6640, 18.0210, -12.7230**, and if you desaturate by 10%, it is **188.3440, 4.7230, -2.9970**.

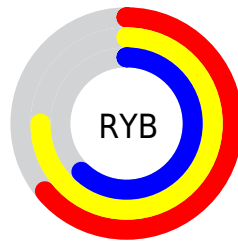
Distribution



Red (75%)

Green (73%)

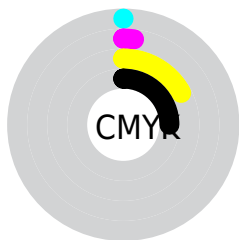
Blue (62%)



Red (64%)

Yellow (75%)

Blue (62%)

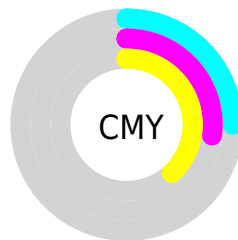


Cyan (0%)

Magenta (2%)

Yellow (17%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.0040, 11.3720, -7.8600 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 185.0040, 11.3720, -7.8600 by changing the saturation by 10% instead.

■ 185.0040, 11.3720,
-7.8600

■ 185.0040, 11.3720,
-7.8600

■ 255.0000, -0.0000,
-0.0000

■ 158.1180, 11.0510,
-7.5490

■ 241.1890, 12.2890,
-7.9590

■ 131.9330, 10.1340,
-7.4500

■ 253.5180, 4.1730,
-4.0430

■ 106.9330, 10.1340,
-7.4500

■ 82.1610, 9.4920,
-6.8280

■ 59.2750, 9.1710,
-6.5170

■ 37.6770, 7.9790,
-6.9410

■ 17.1330, 6.6950,

-5.6970

■ 0.0000, 0.0000,
0.0000

■ 185.0040, 11.3720,
-7.8600

■ 185.0040, 11.3720,
-7.8600

■ 181.6640, 18.0210,
-12.7230

■ 188.3440, 4.7230,
-2.9970

■ 177.7370, 24.9450,
-17.0630

■ 192.2710, -2.2010,
1.3430

■ 174.3970, 31.5940,
-21.9260

■ 195.6110, -8.8500,
6.2060

■ 170.4700, 38.5180,
-26.2660

■ 199.5380,
-15.7740, 10.5460

■ 167.1300, 45.1670,
-31.1290

■ 202.9920,
-22.7440, 15.7200

■ 163.6760, 52.1370,
-36.3030

■ 204.1660,
-23.2940, 14.6740

■ 159.7490, 59.0610,
-40.6430

■ 205.9270,
-24.1190, 13.1050

■ 156.4090, 65.7100,
-45.5060

■ 207.1010,
-24.6690, 12.0590

■ 155.1380, 67.9110,
-46.8490

■ 208.2750,
-25.2190, 11.0130

Harmonies

Analogous

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



186.3690, 20.7700, -1.9660



185.0040, 11.3720, -7.8600



183.2520, -1.1900, -11.4780

Triad

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



185.0040, 11.3720, -7.8600



181.9950, -27.9670, -5.2710



188.6200, 13.2940, 12.3820

Complementary

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



185.0040, 11.3720, -7.8600



164.9960, -11.3720, 7.8600

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.



188.4490, 0.5940, 11.2660



185.0040, 11.3720, -7.8600



184.1360, -23.7500, 0.9060

Square

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



185.0040, 11.3720, -7.8600



180.9150, -24.9860, -9.7380



186.3980, -12.5640, 7.4360



189.0030, 22.2810, 9.2010

Rectangle

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



185.0040, 11.3720, -7.8600



182.3480, -10.2680, -12.1560



186.3980, -12.5640, 7.4360



188.7660, 9.9470, 12.4670

Sweetspot

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



185.0040, 11.3720, -7.8600



245.0450, 4.1270, -3.2090



169.0240, 17.7880, 8.0280



123.5010, 2.8430, -1.9650



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.0040, 11.3720, -7.8600



237.8920, 17.3790, -12.1010



183.7640, 3.1200, -12.4960



92.3870, 3.1640, -2.2760



128.2480, 56.2180, -38.6780



25.1180, 11.0510, -7.5490

Inverse Universe

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



164.9960, -11.3720, 7.8600



207.1080, -17.3790, 12.1010



166.2360, -3.1200, 12.4960



86.6130, -3.1640, 2.2760



29.7520, -56.2180, 38.6780



5.8820, -11.0510, 7.5490

Previews

White Background



This preview shows how the YIQ color 185.0040, 11.3720, -7.8600 looks on a white background.

Color Contrast Check

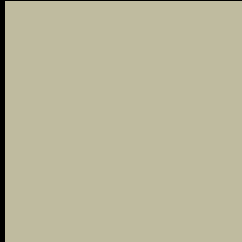
Large Text (above 18pt) WCAG AA × Fail

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 185.0040, 11.3720, -7.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

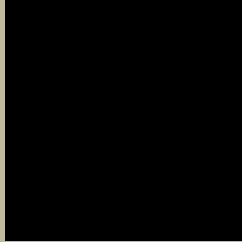
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

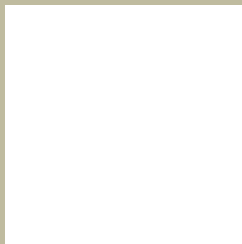
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 185.0040, 11.3720, -7.8600

Background



This preview shows how black text looks on a background with the YIQ color 185.0040, 11.3720, -7.8600.



This preview shows how white text looks on a background with the YIQ color 185.0040, 11.3720, -7.8600.

-7.8600.

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

185.0040, 11.3720, -7.8600

Protanopia

185.7980, 14.9480, -6.5880

Deuteranopia

187.1140, 26.0420, 1.6100



Tritanopia

187.7820, 3.8500, 7.3220

Trichromacy



Original Color

185.0040, 11.3720, -7.8600

Protanomaly

185.2000, 13.7560, -7.0120

Deuteranomaly

186.3690, 20.7700, -1.9660

Tritanomaly

186.8760, 6.2810, 1.8090

Monochromacy



Original Color

185.0040, 11.3720, -7.8600

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1590, 3.8060, -2.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0040, 11.3720, -7.8600 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(191, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 159)  
}
```

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(191, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 159) }
```

Border

The CSS property to change the border of an element to YIQ 185.0040, 11.3720, -7.8600 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(191, 187, 159) }
```


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

```
.border{ border-color:rgb(191, 187, 159) }
```

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

Here you see how a box with a 4 pixel rgb(191, 187, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0040, 11.3720, -7.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 159) }
```

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

```
.background{ background-color: rgb(191,  
187, 159) }
```

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