

Converting Colors

YIQ(195.6690, -6.7380,
-10.0500)

Have a look what the booklet for
YIQ(195.6690, -6.7380, -10.0500)
contains.

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Color

**YIQ(195.6690, -6.7380,
-10.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CCBA
RGB	183, 204, 186
RGB Percent	72%, 80%, 73%
CMY	0.2824, 0.1999, 0.2706
CMYK	0.10, 0.00, 0.09, 0.20
HSL	129°, 17%, 76%
HSV	129°, 10%, 80%
XYZ	49.9823, 56.8003, 54.7818
YIQ	195.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

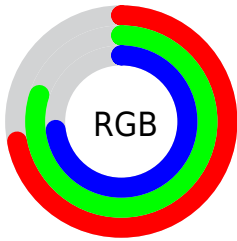
Format	Color
R _{YB}	183, 201, 204
Decimal	12045498
CIE _{Lab}	80.07, -10.50, 6.56
CIE _{LCh}	80, 12.385, 148.000
Yxy	56.8003, 0.3094, 0.3516
Android (android.graphics.Color)	4290235578 (0xFFB7CCBA)
YUV	195.6690, -4.7668, -11.1107
Hunter-Lab	75.3660, -13.5103, 9.6597

Details

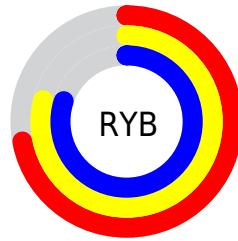
The YIQ color $195.6690, -6.7380, -10.0500$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $191.3310, 6.7380, 10.0500$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.7340, -5.3630, -7.4350$, and $142.0820, -6.4630, -9.5270$ is the 20% darker color. If you saturate the color by 10%, you get $187.7510, -13.2010, -19.5770$, and if you desaturate by 10%, it is $203.5870, -0.2750, -0.5230$.

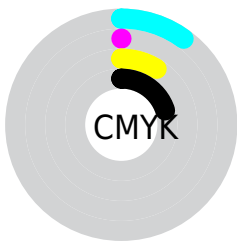
Distribution



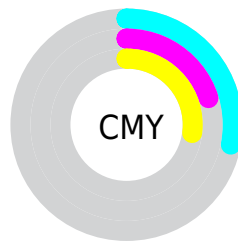
- Red (72%)
- Green (80%)
- Blue (73%)



- Red (72%)
- Yellow (79%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6690, -6.7380, -10.0500 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 195.6690, -6.7380, -10.0500 by changing the saturation by 10% instead.

■ 195.6690, -6.7380,
-10.0500

■ 195.6690, -6.7380,
-10.0500

255.0000, -0.0000,
-0.0000

■ 168.6690, -6.7380,
-10.0500

■ 248.7340, -5.3630,
-7.4350

■ 142.0820, -6.4630,
-9.5270

■ 116.4950, -6.1880,
-9.0040

■ 91.4950, -6.1880,
-9.0040

■ 67.9080, -5.9130,
-8.4810

■ 45.4350, -5.9590,
-7.6470

■ 24.7340, -5.3630,

-7.4350

■ 0.0000, 0.0000,
0.0000

■ 195.6690, -6.7380,
-10.0500

■ 195.6690, -6.7380,
-10.0500

■ 187.7510,
-13.2010, -19.5770

■ 203.5870, -0.2750,
-0.5230

■ 179.4200,
-19.9390, -29.6270

■ 211.9180, 6.4630,
9.5270

■ 171.5020,
-26.4020, -39.1540

■ 219.8360, 12.9260,
19.0540

■ 163.1710,
-33.1400, -49.2040

■ 225.0630, 14.0250,
26.6730

■ 155.2530,
-39.6030, -58.7310

■ 147.2210,
-45.7450, -68.5690

■ 139.0040,
-52.8040, -78.3080

■ 130.9720,
-58.9460, -88.1460

■ 123.0540,
-65.4090, -97.6730

Harmonies

Analogous

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



196.8830, 4.4030, -8.2130



195.6690, -6.7380, -10.0500



194.5200, -16.5040, -9.2720

Triad

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



195.6690, -6.7380, -10.0500



198.2080, -15.0850, 3.5630



200.2260, 20.0350, 5.8510

Complementary

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



195.6690, -6.7380, -10.0500



191.3310, 6.7380, 10.0500

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.



201.2950, 15.5870, 9.3710



195.6690, -6.7380, -10.0500



199.8180, -4.9990, 8.0010

Square

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



195.6690, -6.7380, -10.0500



196.0390, -22.0990, -1.4830



201.0320, 6.1420, 9.8380



199.7650, 19.7150, 0.6350

Rectangle

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



195.6690, -6.7380, -10.0500



194.5350, -20.8600, -7.4200



201.0320, 6.1420, 9.8380



200.9810, 19.3470, 7.3070

Sweetspot

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



195.6690, -6.7380, -10.0500



251.8100, -2.5210, -3.8730



200.7090, 4.9530, -7.1670



125.6360, -1.9710, -2.8270



0.0000, 0.0000, 0.0000



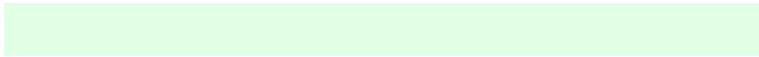
128.0000, -0.0000, -0.0000

Same Dimension

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



195.6690, -6.7380, -10.0500



242.7670, -10.1300, -14.6580



196.8090, -9.9480, -6.9400



97.9840, -3.0710, -4.9190



100.1780, -53.3540, -79.3540



22.8760, -12.0550, -18.3190

Inverse Universe

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



191.3310, 6.7380, 10.0500



236.3470, 9.8090, 14.9690



190.1910, 9.9480, 6.9400



96.0160, 3.0710, 4.9190



65.8220, 53.3540, 79.3540



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 195.6690, -6.7380, -10.0500 looks on a white background.

Color Contrast Check

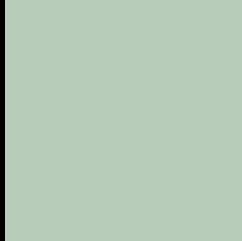
Large Text (above 18pt) WCAG AA × Fail

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 195.6690, -6.7380, -10.0500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

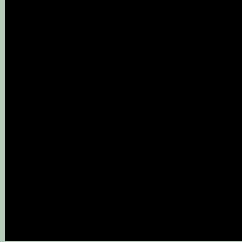
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6690, -6.7380, -10.0500

Background



This preview shows how black text looks on a background with the YIQ color 195.6690, -6.7380, -10.0500.



This preview shows how white text looks on a background with the YIQ color 195.6690, -6.7380,

-10.0500.

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

195.6690, -6.7380, -10.0500

Protanopia

198.3830, 8.9870, -3.1810

Deuteranopia

200.3290, 18.2470, 5.2150



Tritanopia

198.2360, -12.2880, 2.4320

Trichromacy



Original Color

195.6690, -6.7380, -10.0500

Protanomaly

197.2790, 3.3480, -5.6120

Deuteranomaly

198.3770, 9.1240, -0.1560

Tritanomaly

196.9710, -10.2240, -1.9360

Monochromacy



Original Color

195.6690, -6.7380, -10.0500

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8100, -2.5210, -3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6690, -6.7380, -10.0500 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(183, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 186)  
}
```

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(183, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 186) }
```

Border

The CSS property to change the border of an element to YIQ 195.6690, -6.7380, -10.0500 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(183, 204, 186) }
```


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

```
.border{ border-color:rgb(183, 204, 186) }
```

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

Here you see how a box with a 4 pixel rgb(183, 204, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6690, -6.7380, -10.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 186) }
```

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

```
.background{ background-color: rgb(183,  
204, 186) }
```

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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