

Converting Colors

YIQ(196.6750, -6.8750,
-13.0750)

Have a look what the booklet for
YIQ(196.6750, -6.8750, -13.0750)
contains.

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Color

**YIQ(196.6750, -6.8750,
-13.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFB6
RGB	182, 207, 182
RGB Percent	71%, 81%, 71%
CMY	0.2863, 0.1882, 0.2863
CMYK	0.12, 0.00, 0.12, 0.19
HSL	120°, 21%, 76%
HSV	120°, 12%, 81%
XYZ	50.0455, 57.9508, 52.8028
YIQ	196.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

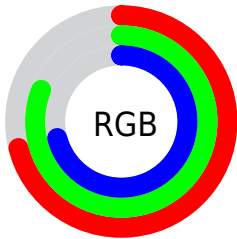
Format	Color
RYB	182, 207, 207
Decimal	11980726
CIELab	80.71, -13.11, 9.61
CIELCh	81, 16.256, 143.750
Yxy	57.9508, 0.3112, 0.3604
Android (android.graphics.Color)	4290170806 (0xFFB6CFB6)
YUV	196.6750, -7.2348, -12.8700
Hunter-Lab	76.1254, -15.8720, 12.1625

Details

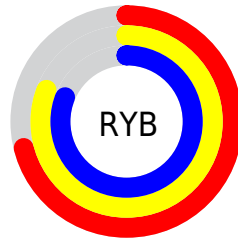
The YIQ color $196.6750, -6.8750, -13.0750$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.3250, 6.8750, 13.0750$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9790, -4.6750, -8.8910$, and $143.0880, -6.6000, -12.5520$ is the 20% darker color. If you saturate the color by 10%, you get $188.0020, -12.6500, -24.0580$, and if you desaturate by 10%, it is $205.3480, -1.1000, -2.0920$.

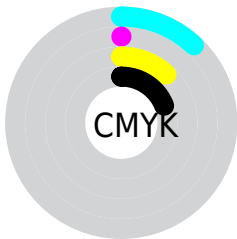
Distribution



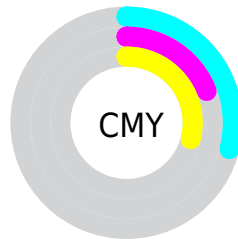
- Red (71%)
- Green (81%)
- Blue (71%)



- Red (71%)
- Yellow (81%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6750, -6.8750, -13.0750 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 196.6750, -6.8750, -13.0750 by changing the saturation by 10% instead.

■ 196.6750, -6.8750,
-13.0750

■ 196.6750, -6.8750,
-13.0750

255.0000, -0.0000,
-0.0000

■ 169.0880, -6.6000,
-12.5520

■ 247.9790, -4.6750,
-8.8910

■ 143.0880, -6.6000,
-12.5520

■ 117.5010, -6.3250,
-12.0290

■ 92.6150, -6.6460,
-11.7180

■ 69.0280, -6.3710,
-11.1950

■ 46.4410, -6.0960,
-10.6720

■ 25.1530, -5.2250,

-9.9370

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 196.6750, -6.8750,
-13.0750

■ 196.6750, -6.8750,
-13.0750

■ 188.0020,
-12.6500, -24.0580

■ 205.3480, -1.1000,
-2.0920

■ 179.7420,
-18.1500, -34.5180

■ 213.6080, 4.4000,
8.3680

■ 171.0690,
-23.9250, -45.5010

■ 222.2810, 10.1750,
19.3510

■ 162.3960,
-29.7000, -56.4840

■ 226.8240, 13.2000,
25.1040

■ 153.8370,
-35.7960, -67.1560

■ 145.4630,
-40.9750, -77.9270

■ 136.7900,
-46.7500, -88.9100

■ 128.2310,
-52.8460, -99.5820

■ 121.5090,
-56.9250, -108.2610

Harmonies

Analogous

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



198.2700, 7.5670, -10.4890



196.6750, -6.8750, -13.0750



195.2590, -20.2630, -12.7350

Triad

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



196.6750, -6.8750, -13.0750



199.2010, -22.3750, 3.5210



202.7430, 25.9490, 8.8050

Complementary

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



196.6750, -6.8750, -13.0750



192.3250, 6.8750, 13.0750

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.



203.2570, 18.7500, 12.6220



196.6750, -6.8750, -13.0750



201.7190, -9.0340, 9.5420

Square

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



196.6750, -6.8750, -13.0750



196.3800, -30.4890, -3.6170



203.0260, 6.2790, 12.8630



201.5270, 26.3170, 2.1330

Rectangle

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



196.6750, -6.8750, -13.0750



194.7190, -27.3700, -10.5860



203.0260, 6.2790, 12.8630



203.3130, 24.3440, 10.3600

Sweetspot

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



196.6750, -6.8750, -13.0750



250.8700, -2.7500, -5.2300



204.1500, 8.0250, -7.7750



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



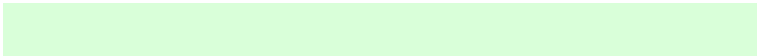
128.0000, -0.0000, -0.0000

Same Dimension

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



196.6750, -6.8750, -13.0750



239.3060, -10.4500, -19.8740



198.0430, -10.7270, -9.3430



100.4570, -3.0250, -5.7530



98.6160, -46.2000, -87.8640



24.0670, -11.2750, -21.4430

Inverse Universe

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



192.3250, 6.8750, 13.0750



232.6940, 10.4500, 19.8740



190.8430, 11.0480, 9.0320



98.5430, 3.0250, 5.7530



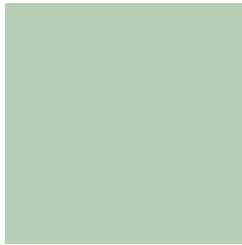
69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Previews

White Background



This preview shows how the YIQ color 196.6750, -6.8750, -13.0750 looks on a white background.

Color Contrast Check

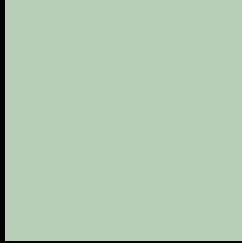
Large Text (above 18pt) WCAG AA × Fail

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 196.6750, -6.8750, -13.0750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

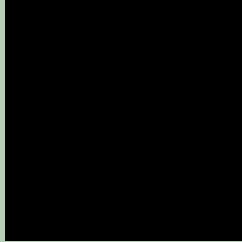
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

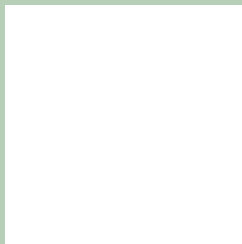
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 196.6750, -6.8750, -13.0750

Background



This preview shows how black text looks on a background with the YIQ color 196.6750, -6.8750, -13.0750.



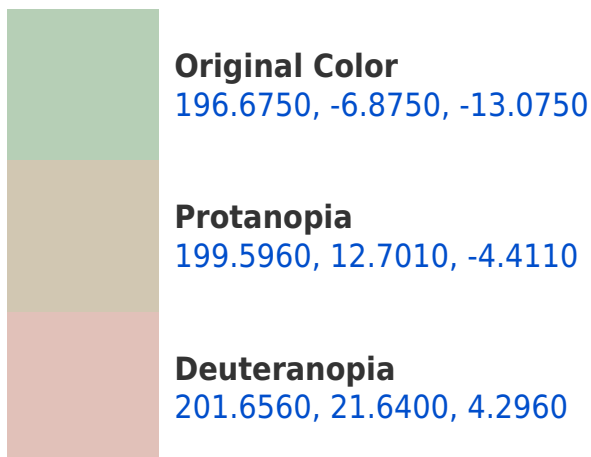
This preview shows how white text looks on a background with the YIQ color 196.6750, -6.8750, -13.0750.

-13.0750.

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

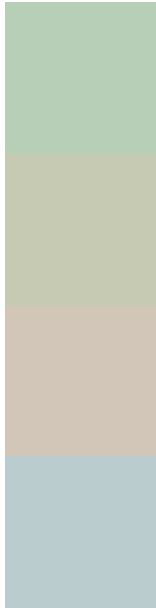




Tritanopia

199.6380, -13.4800, 2.0080

Trichromacy



Original Color

196.6750, -6.8750, -13.0750

Protanomaly

198.4810, 5.5950, -7.7890

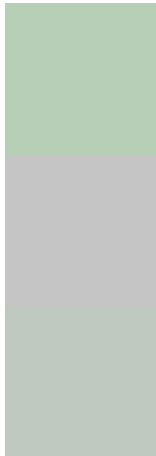
Deuteranomaly

199.6930, 11.0500, -2.0220

Tritanomaly

198.7320, -11.0490, -3.5050

Monochromacy



Original Color

196.6750, -6.8750, -13.0750

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.2830, -2.4750, -4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6750, -6.8750, -13.0750 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, 207, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 182)  
}
```

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, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 182) }
```

Border

The CSS property to change the border of an element to YIQ 196.6750, -6.8750, -13.0750 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, 207, 182) }
```


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

```
.border{ border-color:rgb(182, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 207, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 207, 182); box-shadow:4px 4px 4px 4px rgb(182, 207, 182) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6750, -6.8750, -13.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 182) }
```

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

```
.background{ background-color: rgb(182,  
207, 182) }
```

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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