

Converting Colors

YIQ(199.9620, -6.0050, -6.8130)

Have a look what the booklet for
YIQ(199.9620, -6.0050, -6.8130)
contains.

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Color

**YIQ(199.9620, -6.0050,
-6.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	BECEC3
RGB	190, 206, 195
RGB Percent	75%, 81%, 76%
CMY	0.2549, 0.1921, 0.2353
CMYK	0.08, 0.00, 0.05, 0.19
HSL	139°, 14%, 78%
HSV	139°, 8%, 81%
XYZ	53.1551, 59.0315, 60.2201
YIQ	199.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

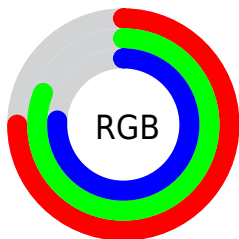
Format	Color
RYB	190, 202, 206
Decimal	12504771
CIELab	81.31, -7.49, 3.61
CIELCh	81, 8.313, 154.297
Yxy	59.0315, 0.3083, 0.3424
Android (android.graphics.Color)	4290694851 (0xFFBECEC3)
YUV	199.9620, -2.4463, -8.7367
Hunter-Lab	76.8319, -10.9631, 7.3115

Details

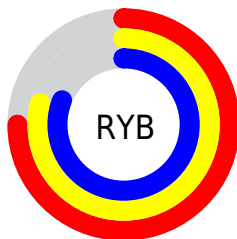
The YIQ color $199.9620, -6.0050, -6.8130$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.0380, 6.0050, 6.8130$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.9670, -4.4010, -2.8410$, and $146.2610, -5.4090, -6.6010$ is the 20% darker color. If you saturate the color by 10%, you get $192.0870, -14.0270, -15.6190$, and if you desaturate by 10%, it is $207.8370, 2.0170, 1.9930$.

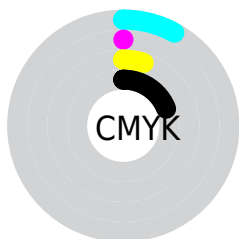
Distribution



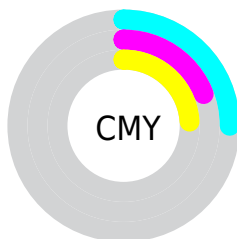
- Red (75%)
- Green (81%)
- Blue (76%)



- Red (75%)
- Yellow (79%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (25%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.9620, -6.0050, -6.8130 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 199.9620, -6.0050, -6.8130 by changing the saturation by 10% instead.


 199.9620, -6.0050,
-6.8130

 199.9620, -6.0050,
-6.8130


255.0000, -0.0000,
-0.0000


 172.9620, -6.0050,
-6.8130


 251.9670, -4.4010,
-2.8410

 146.2610, -5.4090,
-6.6010

 120.3750, -5.7300,
-6.2900

 95.6740, -5.1340,
-6.0780

 71.7880, -5.4550,
-5.7670

 49.2010, -5.1800,
-5.2440

 28.5000, -4.5840,

-5.0320

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 199.9620, -6.0050,
-6.8130

■ 199.9620, -6.0050,
-6.8130

■ 192.0870,
-14.0270, -15.6190

■ 207.8370, 2.0170,
1.9930

■ 184.5110,
-21.4530, -24.2130

■ 215.4130, 9.4430,
10.5870

■ 176.6360,
-29.4750, -33.0190

■ 223.2880, 17.4650,
19.3930

■ 168.9460,
-36.5800, -41.9240

■ 225.8950, 14.4380,
24.6940

■ 161.0710,
-44.6020, -50.7300

■ 226.2370, 13.4750,
25.6270

■ 153.1960,
-52.6240, -59.5360

■ 145.6200,
-60.0500, -68.1300

■ 137.7450,
-68.0720, -76.9360

■ 130.1690,
-75.4980, -85.5300

Harmonies

Analogous

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



200.4960, 1.2390, -5.9370



199.9620, -6.0050, -6.8130



199.6670, -12.4240, -6.1200

Triad

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



199.9620, -6.0050, -6.8130



201.6170, -8.9870, 3.1810



203.2360, 14.0750, 3.7310

Complementary

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



199.9620, -6.0050, -6.8130



196.0380, 6.0050, 6.8130

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.



203.7350, 11.2320, 5.6960



199.9620, -6.0050, -6.8130



203.2050, -1.8350, 5.7250

Square

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



199.9620, -6.0050, -6.8130



200.8720, -14.2590, -0.3950



203.7390, 5.4090, 6.6010



202.5300, 13.0670, -0.0290

Rectangle

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



199.9620, -6.0050, -6.8130



199.9380, -14.6250, -4.7770



203.7390, 5.4090, 6.6010



203.4640, 13.4330, 4.3530

Sweetspot

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



199.9620, -6.0050, -6.8130



253.0490, -1.6960, -2.3040



202.6810, 2.1560, -6.0360



126.8750, -1.1460, -1.2580



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.



199.9620, -6.0050, -6.8130



246.2990, -8.5720, -9.8520



200.8740, -8.5730, -4.3250



98.2120, -3.7130, -4.2970



103.3700, -62.3420, -70.6460



23.6740, -14.3020, -16.1420

Inverse Universe

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



196.0380, 6.0050, 6.8130



240.7010, 8.5720, 9.8520



195.1260, 8.5730, 4.3250



95.7880, 3.7130, 4.2970



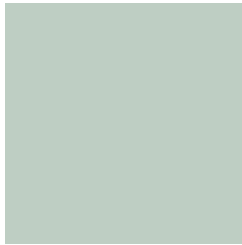
62.6300, 62.3420, 70.6460



14.3260, 14.3020, 16.1420

Previews

White Background



This preview shows how the YIQ color 199.9620, -6.0050, -6.8130 looks on a white background.

Color Contrast Check

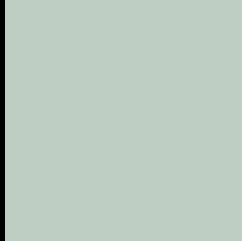
Large Text (above 18pt) WCAG AA × Fail

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 199.9620, -6.0050, -6.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

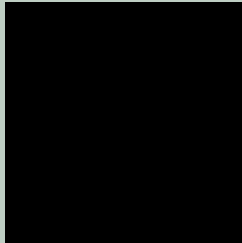
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

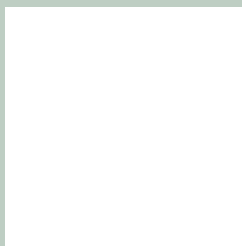
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 199.9620, -6.0050, -6.8130

Background



This preview shows how black text looks on a background with the YIQ color 199.9620, -6.0050, -6.8130.



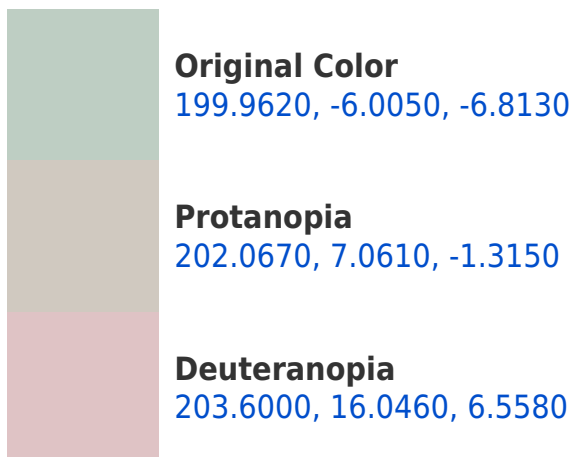
This preview shows how white text looks on a background with the YIQ color 199.9620, -6.0050,

-6.8130.

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

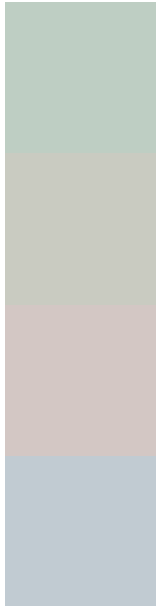




Tritanopia

201.5460, -10.2250, 3.5910

Trichromacy



Original Color

199.9620, -6.0050, -6.8130

Protanomaly

201.2620, 2.0180, -3.5340

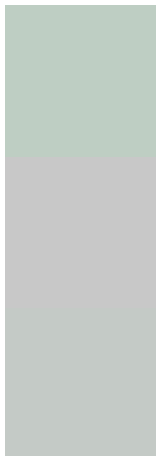
Deuteranomaly

202.2460, 8.1150, 1.6110

Tritanomaly

200.8080, -8.2070, 0.0570

Monochromacy



Original Color

199.9620, -6.0050, -6.8130

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.7500, -2.2920, -2.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9620, -6.0050, -6.8130 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(190, 206, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 206, 195)  
}
```

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(190, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 206, 195) }
```

Border

The CSS property to change the border of an element to YIQ 199.9620, -6.0050, -6.8130 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(190, 206, 195) }
```


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

```
.border{ border-color:rgb(190, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 206, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 206, 195); box-shadow:4px 4px 4px 4px rgb(190, 206, 195) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9620, -6.0050, -6.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 206, 195) }
```

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

```
.background{ background-color: rgb(190,  
206, 195) }
```

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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