

Converting Colors

YIQ(197.7780, 0.5050, -3.6470)

Have a look what the booklet for
YIQ(197.7780, 0.5050, -3.6470)
contains.

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Color

**YIQ(197.7780, 0.5050,
-3.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C8BF
RGB	196, 200, 191
RGB Percent	77%, 78%, 75%
CMY	0.2314, 0.2157, 0.2510
CMYK	0.02, 0.00, 0.05, 0.22
HSL	87°, 8%, 77%
HSV	87°, 5%, 78%
XYZ	52.8228, 56.8063, 57.4722
YIQ	197.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

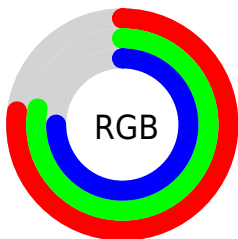
Format	Color
RYB	191, 200, 195
Decimal	12896447
CIELab	80.07, -3.01, 4.01
CIELCh	80, 5.012, 126.942
Yxy	56.8063, 0.3161, 0.3400
Android (android.graphics.Color)	4291086527 (0xFFC4C8BF)
YUV	197.7780, -3.3416, -1.5593
Hunter-Lab	75.3699, -6.7961, 7.5483

Details

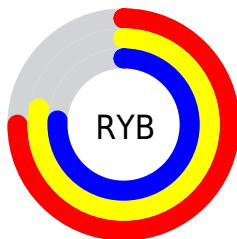
The YIQ color $197.7780, 0.5050, -3.6470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $193.2220, -0.5050, 3.6470$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4900, 1.3760, -2.9120$, and $143.8920, 0.1840, -3.3360$ is the 20% darker color. If you saturate the color by 10%, you get $192.8070, 1.5610, -11.7750$, and if you desaturate by 10%, it is $202.7490, -0.5510, 4.4810$.

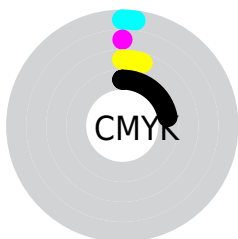
Distribution



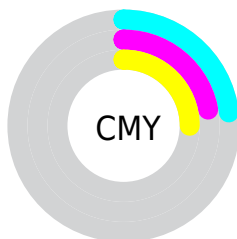
- Red (77%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.7780, 0.5050, -3.6470 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 197.7780, 0.5050, -3.6470 by changing the saturation by 10% instead.

■ 197.7780, 0.5050,
-3.6470

■ 197.7780, 0.5050,
-3.6470

255.0000, -0.0000,
-0.0000

■ 170.7780, 0.5050,
-3.6470

■ 253.4900, 1.3760,
-2.9120

■ 143.8920, 0.1840,
-3.3360

■ 118.1910, 0.7800,
-3.1240

■ 93.8920, 0.1840,
-3.3360

■ 70.3050, 0.4590,
-2.8130

■ 48.0060, -0.1370,
-3.0250

■ 27.3050, 0.4590,

-2.8130

■ 0.0000, 0.0000,
0.0000

■ 197.7780, 0.5050,
-3.6470

■ 197.7780, 0.5050,
-3.6470

■ 192.8070, 1.5610,
-11.7750

■ 202.7490, -0.5510,
4.4810

■ 187.8360, 2.6170,
-19.9030

■ 207.7200, -1.6070,
12.6090

■ 182.8650, 3.6730,
-28.0310

■ 212.6910, -2.6630,
20.7370

■ 177.8940, 4.7290,
-36.1590

■ 215.8380, 1.4170,
23.8890

■ 172.9230, 5.7850,
-44.2870

■ 218.5290, 6.7810,
25.7970

■ 168.2510, 7.4370,
-52.2030

■ 220.9210, 11.5490,
27.4930

■ 163.2800, 8.4930,
-60.3310

■ 222.7150, 15.1250,
28.7650

■ 158.3090, 9.5490,
-68.4590

■ 153.3380, 10.6050,
-76.5870

Harmonies

Analogous

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



198.7570, 4.9980, -2.4740



197.7780, 0.5050, -3.6470



197.3260, -4.0340, -3.9860

Triad

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



197.7780, 0.5050, -3.6470



197.8080, -8.2070, 0.0570



199.5280, 7.3810, 3.9010

Complementary

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



197.7780, 0.5050, -3.6470



193.2220, -0.5050, 3.6470

Split Complementary

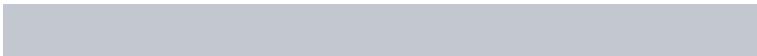
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.6740, 4.0340, 3.9860



197.7780, 0.5050, -3.6470



198.8300, -5.2730, 1.9510

Square

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



197.7780, 0.5050, -3.6470



197.4550, -8.7110, -1.8230



199.2220, -0.5050, 3.6470



199.5450, 8.7110, 1.8230

Rectangle

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



197.7780, 0.5050, -3.6470



197.0700, -6.1890, -3.4770



199.2220, -0.5050, 3.6470



199.9300, 6.1890, 3.4770

Sweetspot

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



197.7780, 0.5050, -3.6470



254.3590, 0.3670, -1.1450



196.0390, 4.2640, -0.1840



127.4730, 0.0460, -0.8340



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.



197.7780, 0.5050, -3.6470



251.7240, 0.5970, -5.3150



196.5820, -1.8790, -4.4950



97.7180, 0.7340, -2.2900



122.8900, 9.4110, -65.9570



27.1120, 2.0200, -14.5880

Inverse Universe

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



193.2220, -0.5050, 3.6470



245.2760, -0.5970, 5.3150



194.4180, 1.8790, 4.4950



94.5810, -0.1380, 2.5020



40.4090, -8.8150, 66.1690



8.8880, -2.0200, 14.5880

Previews

White Background



This preview shows how the YIQ color 197.7780, 0.5050, -3.6470 looks on a white background.

Color Contrast Check

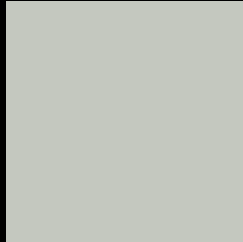
Large Text (above 18pt) WCAG AA × Fail

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 197.7780, 0.5050, -3.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

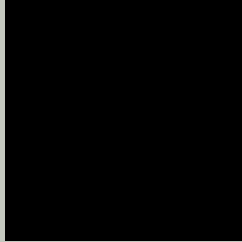
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

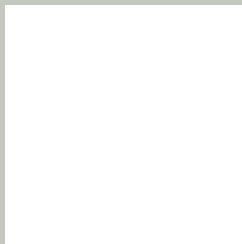
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.7780, 0.5050, -3.6470

Background



This preview shows how black text looks on a background with the YIQ color 197.7780, 0.5050, -3.6470.



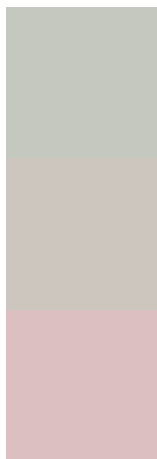
This preview shows how white text looks on a background with the YIQ color 197.7780, 0.5050,

-3.6470.

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

197.7780, 0.5050, -3.6470

Protanopia

198.8820, 6.1440, -1.2160

Deuteranopia

200.4860, 16.3670, 6.2470



Tritanopia

199.3080, -3.6230, 5.0890

Trichromacy



Original Color

197.7780, 0.5050, -3.6470

Protanomaly

198.5720, 4.0810, -2.3750

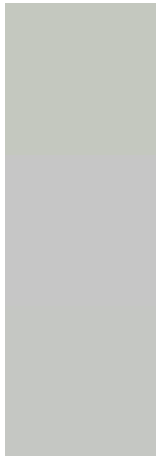
Deuteranomaly

199.4420, 10.4990, 2.4590

Tritanomaly

198.6840, -1.9260, 1.8660

Monochromacy



Original Color

197.7780, 0.5050, -3.6470

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9460, 0.0920, -1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.7780, 0.5050, -3.6470 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(196, 200, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 191)  
}
```

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(196, 200, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 191) }
```

Border

The CSS property to change the border of an element to YIQ 197.7780, 0.5050, -3.6470 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(196, 200, 191) }
```


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

```
.border{ border-color:rgb(196, 200, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 200, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 197.7780, 0.5050, -3.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 191) }
```

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

```
.background{ background-color: rgb(196,  
200, 191) }
```

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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