

Converting Colors

YIQ(197.6680, -4.9970, -3.0530)

Have a look what the booklet for
YIQ(197.6680, -4.9970, -3.0530)
contains.

YIQ(197.6680, -4.9970, -3.0530)	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(197.6680, -4.9970,
-3.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9C6
RGB	191, 201, 198
RGB Percent	75%, 79%, 78%
CMY	0.2510, 0.2117, 0.2235
CMYK	0.05, 0.00, 0.01, 0.21
HSL	162°, 8%, 77%
HSV	162°, 5%, 79%
XYZ	52.5644, 56.9278, 61.6411
YIQ	197.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

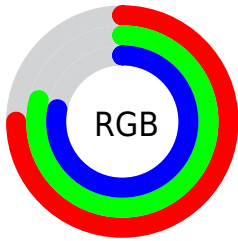
Format	Color
RYB	191, 197, 201
Decimal	12569030
CIELab	80.14, -3.98, 0.31
CIElCh	80, 3.991, 175.591
Yxy	56.9278, 0.3072, 0.3327
Android (android.graphics.Color)	4290759110 (0xFFBFC9C6)
YUV	197.6680, 0.1637, -5.8478
Hunter-Lab	75.4505, -7.6821, 4.3770

Details

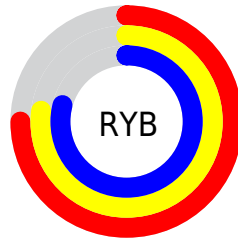
The YIQ color $197.6680, -4.9970, -3.0530$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.3320, 4.9970, 3.0530$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, -4.7680, -1.6960$, and $143.9670, -4.4010, -2.8410$ is the 20% darker color. If you saturate the color by 10%, you get $191.0040, -14.9910, -9.1590$, and if you desaturate by 10%, it is $204.3320, 4.9970, 3.0530$.

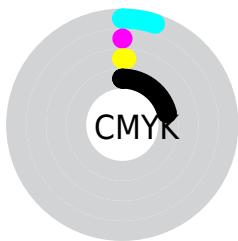
Distribution



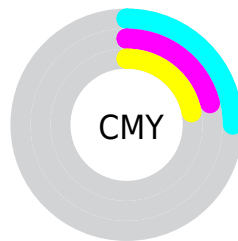
- Red (75%)
- Green (79%)
- Blue (78%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.6680, -4.9970, -3.0530 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 197.6680, -4.9970, -3.0530 by changing the saturation by 10% instead.

■ 197.6680, -4.9970,
-3.0530

■ 197.6680, -4.9970,
-3.0530

255.0000, -0.0000,
-0.0000

■ 170.6680, -4.9970,
-3.0530

■ 252.6080, -4.7680,
-1.6960

■ 143.9670, -4.4010,
-2.8410

■ 118.0810, -4.7220,
-2.5300

■ 93.9670, -4.4010,
-2.8410

■ 69.9670, -4.4010,
-2.8410

■ 47.3800, -4.1260,
-2.3180

■ 26.6790, -3.5300,

-2.1060

■ 0.5870, -0.2750,
-0.5230

■ 0.0000, 0.0000,
0.0000

■ 197.6680, -4.9970,
-3.0530

■ 197.6680, -4.9970,
-3.0530

■ 191.0040,
-14.9910, -9.1590

■ 204.3320, 4.9970,
3.0530

■ 184.3400,
-24.9850, -15.2650

■ 210.9960, 14.9910,
9.1590

■ 177.6760,
-34.9790, -21.3710

■ 217.6600, 24.9850,
15.2650

■ 171.0120,
-44.9730, -27.4770

■ 219.5400, 25.4430,
17.9790

■ 164.0490,
-55.5630, -33.7950

■ 220.2240, 23.5170,
19.8450

■ 157.3850,
-65.5570, -39.9010

■ 220.9080, 21.5910,
21.7110

■ 150.7210,
-75.5510, -46.0070

■ 221.5920, 19.6650,
23.5770

■ 144.0570,
-85.5450, -52.1130

■ 222.2760, 17.7390,
25.4430

■ 137.3930,
-95.5390, -58.2190

■ 222.9600, 15.8130,
27.3090

Harmonies

Analogous

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



197.5220, -1.6500, -3.1380



197.6680, -4.9970, -3.0530



197.8250, -6.8770, -2.0210

Triad

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



197.6680, -4.9970, -3.0530



199.0970, -1.6510, 2.3890



199.2350, 6.6480, 0.6640

Complementary

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



197.6680, -4.9970, -3.0530



194.3320, 4.9970, 3.0530

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.



199.2890, 6.5560, 2.3320



197.6680, -4.9970, -3.0530



199.4780, 1.6500, 3.1380

Square

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



197.6680, -4.9970, -3.0530



198.3030, -5.2270, 1.1170



199.3320, 4.9970, 3.0530



198.6970, 5.2270, -1.1170

Rectangle

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



197.6680, -4.9970, -3.0530



198.0530, -7.5190, -1.3990



199.3320, 4.9970, 3.0530



199.6480, 6.9230, 1.1870

Sweetspot

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



197.6680, -4.9970, -3.0530



253.9890, -1.4670, -0.9470



197.7670, -0.9620, -4.5940



127.2880, -0.8710, -0.7350



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.



197.6680, -4.9970, -3.0530



249.9450, -7.3350, -4.7350



196.8360, -5.4100, -1.0740



96.6790, -3.5300, -2.1060



108.6770, -81.4190, -49.7950



23.9820, -17.9250, -11.0530

Inverse Universe

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



194.3320, 4.9970, 3.0530



244.9410, 7.6560, 4.4240



195.1640, 5.4100, 1.0740



94.4350, 3.2090, 2.4170



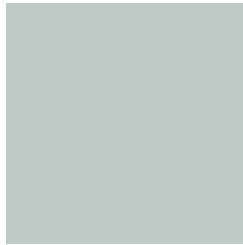
54.3230, 81.4190, 49.7950



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 197.6680, -4.9970, -3.0530 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 197.6680, -4.9970, -3.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

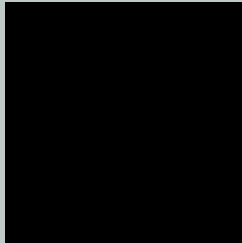
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

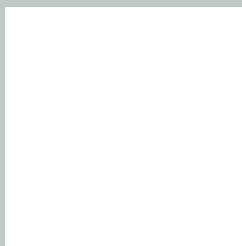
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 197.6680, -4.9970, -3.0530

Background



This preview shows how black text looks on a background with the YIQ color 197.6680, -4.9970, -3.0530.



This preview shows how white text looks on a background with the YIQ color 197.6680, -4.9970,

-3.0530.

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

197.6680, -4.9970, -3.0530

Protanopia

199.2670, 3.6220, 0.4380

Deuteranopia

200.3870, 12.3320, 7.7880



Tritanopia

199.2150, -7.7950, 3.6050

Trichromacy



Original Color

197.6680, -4.9970, -3.0530

Protanomaly

198.7720, 0.6420, -0.6220

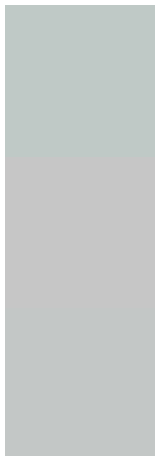
Deuteranomaly

199.3430, 6.4640, 4.0000

Tritanomaly

198.8190, -6.7400, 1.0040

Monochromacy



Original Color

197.6680, -4.9970, -3.0530

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.6900, -2.0630, -1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.6680, -4.9970, -3.0530 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, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 198)  
}
```

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, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 198) }
```

Border

The CSS property to change the border of an element to YIQ 197.6680, -4.9970, -3.0530 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, 201, 198) }
```


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

```
.border{ border-color:rgb(191, 201, 198) }
```

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

Here you see how a box with a 4 pixel rgb(191, 201, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 197.6680, -4.9970, -3.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 198) }
```

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

```
.background{ background-color: rgb(191,  
201, 198) }
```

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