

Converting Colors

YIQ(167.9070, 31.3590, 9.8790)

Have a look what the booklet for
YIQ(167.9070, 31.3590, 9.8790)
contains.

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Color

**YIQ(167.9070, 31.3590,
9.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9996
RGB	204, 153, 150
RGB Percent	80%, 60%, 59%
CMY	0.1999, 0.4001, 0.4116
CMYK	0.00, 0.25, 0.26, 0.20
HSL	3°, 35%, 69%
HSV	3°, 26%, 80%
XYZ	41.8055, 37.8202, 33.9644
YIQ	167.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

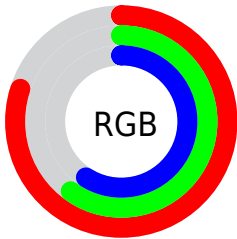
Format	Color
R_{YB}	204, 153, 150
Decimal	13408662
CIE _{Lab}	67.89, 18.66, 9.00
CIE _{LCh}	68, 20.718, 25.732
Yxy	37.8202, 0.3680, 0.3330
Android (android.graphics.Color)	4291598742 (0xFFCC9996)
YUV	167.9070, -8.8282, 31.6536
Hunter-Lab	61.4981, 13.7201, 10.3037

Details

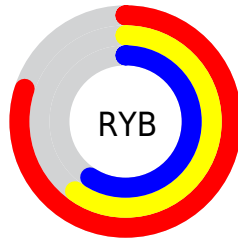
The YIQ color **167.9070, 31.3590, 9.8790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **186.0930, -31.3590, -9.8790**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.5970, 29.2960, 8.7200**, and **115.7110, 28.9750, 9.0310** is the 20% darker color. If you saturate the color by 10%, you get **154.4740, 43.0040, 13.5960**, and if you desaturate by 10%, it is **181.3400, 19.7140, 6.1620**.

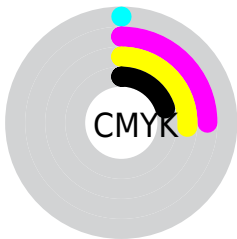
Distribution



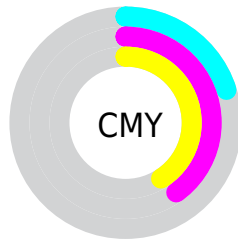
- Red (80%)
- Green (60%)
- Blue (59%)



- Red (80%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 167.9070, 31.3590, 9.8790 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 167.9070, 31.3590, 9.8790 by changing the saturation by 10% instead.


 167.9070, 31.3590,
9.8790


 167.9070, 31.3590,
9.8790


255.0000, -0.0000,
-0.0000


 141.3090, 30.1670,
9.4550


 221.5970, 29.2960,
8.7200


 115.7110, 28.9750,
9.0310

 241.2250, 12.6080,
2.7840

 90.2270, 27.4620,
8.9180

 66.4440, 25.3530,
8.5930

 43.6610, 23.2440,
8.2680

 21.7210, 23.0150,
6.9110

 6.2790, 12.5160,

4.4520

0.0000, 0.0000,
0.0000

167.9070, 31.3590,
9.8790

167.9070, 31.3590,
9.8790

154.4740, 43.0040,
13.5960

181.3400, 19.7140,
6.1620

140.3400, 55.2450,
17.5250

195.4740, 7.4730,
2.2330

126.9070, 66.8900,
21.2420

208.9070, -4.1720,
-1.4840

113.3600, 78.8560,
24.6480

222.4540,
-16.1380, -4.8900

99.9270, 90.5010,
28.3650

235.8870,
-27.7830, -8.6070

■ 85.9070, 102.4210,
32.6050

■ 239.7510,
-30.3960, -10.8120

■ 72.3600, 114.3870,
36.0110

■ 67.4530, 118.5590,
37.4950

Harmonies

Analogous

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



168.5890, 23.7470, 15.6750



167.9070, 31.3590, 9.8790



166.4520, 30.9020, 1.6380

Triad

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



167.9070, 31.3590, 9.8790



160.7130, -10.0380, -16.3260



163.5040, -27.6020, 4.6380

Complementary

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



167.9070, 31.3590, 9.8790



186.0930, -31.3590, -9.8790

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.



159.7750, -38.9710, -4.0830



167.9070, 31.3590, 9.8790



158.2580, -27.6900, -15.8020

Square

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



167.9070, 31.3590, 9.8790



162.6890, 7.7050, -12.9910



157.7330, -39.1530, -11.8010



167.1150, -10.0890, 12.1430

Rectangle

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



167.9070, 31.3590, 9.8790



165.5390, 26.0430, -3.9170



157.7330, -39.1530, -11.8010



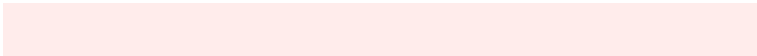
162.1720, -32.5990, 1.5850

Sweetspot

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



167.9070, 31.3590, 9.8790



241.5670, 11.6450, 3.7170



171.9600, 15.8130, 27.3090



118.8870, 7.7480, 2.7560



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.



167.9070, 31.3590, 9.8790



200.4530, 47.4970, 14.7690



183.7560, 23.9340, -4.2420



94.9900, 5.9600, 2.1200



54.9170, 96.4610, 30.4850



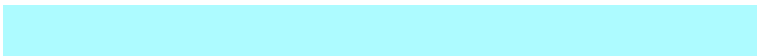
12.5360, 22.0980, 7.0100

Inverse Universe

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



186.0930, -31.3590, -9.8790



228.1340, -47.7720, -15.2920



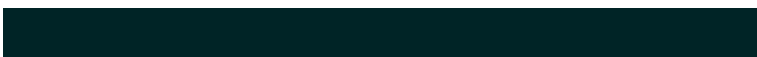
170.2440, -23.9340, 4.2420



98.4230, -5.6850, -1.5970



111.0830, -96.4610, -30.4850



25.4640, -22.0980, -7.0100

Previews

White Background



This preview shows how the YIQ color 167.9070, 31.3590, 9.8790 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 167.9070, 31.3590, 9.8790 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 167.9070, 31.3590, 9.8790

Background



This preview shows how black text looks on a background with the YIQ color 167.9070, 31.3590, 9.8790.



This preview shows how white text looks on a background with the YIQ color 167.9070, 31.3590,

9.8790.

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

167.9070, 31.3590, 9.8790

Protanopia

165.7680, 6.4650, -1.5270

Deuteranopia

167.1180, 20.2190, 2.5150



Tritanopia

168.5140, 28.3320, 15.1800

Trichromacy



Original Color

167.9070, 31.3590, 9.8790

Protanomaly

166.7800, 15.3590, 2.4870

Deuteranomaly

167.1510, 24.6200, 5.3560

Tritanomaly

168.5310, 29.6620, 13.1020

Monochromacy



Original Color

167.9070, 31.3590, 9.8790

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1540, 11.3700, 3.1940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.9070, 31.3590, 9.8790 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(204, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 150)  
}
```

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(204, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 150) }
```

Border

The CSS property to change the border of an element to YIQ 167.9070, 31.3590, 9.8790 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(204, 153, 150) }
```


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

```
.border{ border-color:rgb(204, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 167.9070, 31.3590, 9.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 150) }
```

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

```
.background{ background-color: rgb(204,  
153, 150) }
```

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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