

Converting Colors

YIQ(170.5940, 16.1830, 9.5830)

Have a look what the booklet for
YIQ(170.5940, 16.1830, 9.5830)
contains.

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Color

**YIQ(170.5940, 16.1830,
9.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A0A9
RGB	192, 160, 169
RGB Percent	75%, 63%, 66%
CMY	0.2470, 0.3726, 0.3372
CMYK	0.00, 0.17, 0.12, 0.25
HSL	343°, 20%, 69%
HSV	343°, 17%, 75%
XYZ	41.4748, 39.2113, 42.9259
YIQ	170.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

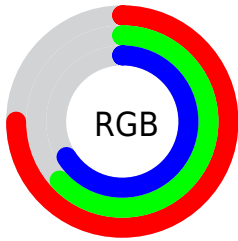
Format	Color
R _Y B	192, 160, 169
Decimal	12624041
CIE Lab	68.90, 13.28, -0.26
CIE LCh	69, 13.281, 358.861
Yxy	39.2113, 0.3355, 0.3172
Android (android.graphics.Color)	4290814121 (0xFFC0A0A9)
YUV	170.5940, -0.7858, 18.7731
Hunter-Lab	62.6189, 8.6440, 3.1893

Details

The YIQ color **170.5940, 16.1830, 9.5830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.4060, -16.1830, -9.5830**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.1920, 17.3750, 10.0070**, and **117.9960, 14.9910, 9.1590** is the 20% darker color. If you saturate the color by 10%, you get **157.8450, 25.9020, 15.1660**, and if you desaturate by 10%, it is **183.3430, 6.4640, 4.0000**.

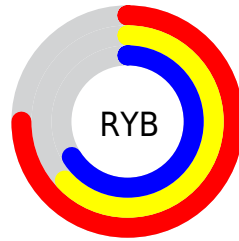
Distribution



Red (75%)

Green (63%)

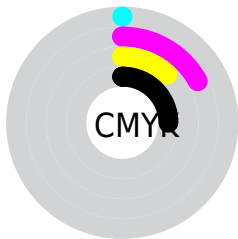
Blue (66%)



Red (75%)

Yellow (63%)

Blue (66%)

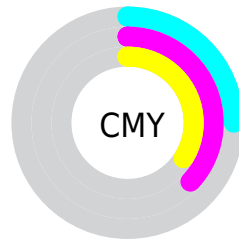


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.5940, 16.1830, 9.5830 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 170.5940, 16.1830, 9.5830 by changing the saturation by 10% instead.

■ 170.5940, 16.1830,
9.5830

■ 170.5940, 16.1830,
9.5830

■ 255.0000, -0.0000,
-0.0000

■ 144.2950, 15.5870,
9.3710

■ 226.1920, 17.3750,
10.0070

■ 117.9960, 14.9910,
9.1590

■ 247.7280, 3.9420,
5.6540

■ 93.5830, 14.7160,
8.6360

■ 69.9850, 13.5240,
8.2120

■ 47.3870, 12.3320,
7.7880

■ 25.7890, 11.1400,
7.3640

■ 5.9800, 11.9200,

4.2400

■ 0.0000, 0.0000,
0.0000

■ 170.5940, 16.1830,
9.5830

■ 170.5940, 16.1830,
9.5830

■ 157.8450, 25.9020,
15.1660

■ 183.3430, 6.4640,
4.0000

■ 145.0960, 35.6210,
20.7490

■ 196.0920, -3.2550,
-1.5830

■ 131.8740, 45.2940,
27.1660

■ 209.3140,
-12.9280, -8.0000

■ 119.1250, 55.0130,
32.7490

■ 222.0630,
-22.6470, -13.5830

■ 106.3760, 64.7320,
38.3320

■ 234.2250,
-32.0910, -18.6430

■ 93.6270, 74.4510,
43.9150

■ 235.8210,
-36.5850, -14.2890

■ 80.8780, 84.1700,
49.4980

■ 236.1630,
-37.5480, -13.3560

■ 67.6560, 93.8430,
55.9150

■ 63.5640, 97.0980,
57.4980

Harmonies

Analogous

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



170.7440, 7.0130, 10.5730



170.5940, 16.1830, 9.5830



170.4110, 20.9520, 5.7520

Triad

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



170.5940, 16.1830, 9.5830



166.4700, 4.1280, -8.7360



165.4410, -23.2910, -1.9070

Complementary

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



170.5940, 16.1830, 9.5830



181.4060, -16.1830, -9.5830

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.



164.0940, -23.9320, -6.8120



170.5940, 16.1830, 9.5830



164.9570, -7.6090, -10.7850

Square

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



170.5940, 16.1830, 9.5830



167.6670, 13.9390, -4.8210



163.9220, -17.6960, -9.6960



167.4360, -15.7270, 4.1850

Rectangle

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



170.5940, 16.1830, 9.5830



169.4170, 20.8150, 2.7270



163.9220, -17.6960, -9.6960



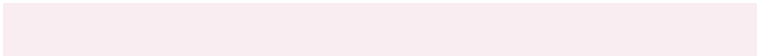
165.2020, -24.1160, -3.4760

Sweetspot

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



170.5940, 16.1830, 9.5830



241.3430, 6.4640, 4.0000



170.5250, 3.4360, 14.8280



119.7340, 3.8050, 2.6290



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



170.5940, 16.1830, 9.5830



216.5460, 25.3060, 14.9540



173.6770, 17.1470, 3.1230



90.3320, 4.9970, 3.0530



53.2690, 81.5110, 48.1270



10.8930, 16.7790, 9.7950

Inverse Universe

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



170.5940, 16.1830, 9.5830



216.5460, 25.3060, 14.9540



178.3230, -17.1470, -3.1230



90.3320, 4.9970, 3.0530



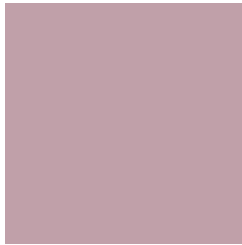
53.2690, 81.5110, 48.1270



10.8930, 16.7790, 9.7950

Previews

White Background



This preview shows how the YIQ color 170.5940, 16.1830, 9.5830 looks on a white background.

Color Contrast Check

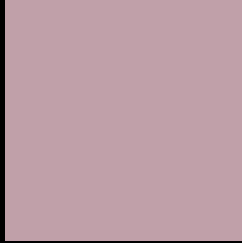
Large Text (above 18pt) WCAG AA × Fail

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 170.5940, 16.1830, 9.5830 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 170.5940, 16.1830, 9.5830

Background



This preview shows how black text looks on a background with the YIQ color 170.5940, 16.1830, 9.5830.



This preview shows how white text looks on a background with the YIQ color 170.5940, 16.1830,

9.5830.

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

170.5940, 16.1830, 9.5830

Protanopia

168.5810, -0.1380, 2.5020

Deuteranopia

169.8490, 10.9110, 6.0070



Tritanopia

170.9360, 15.2200, 10.5160

Trichromacy



Original Color

170.5940, 16.1830, 9.5830

Protanomaly

169.0980, 5.7760, 5.4560

Deuteranomaly

170.1590, 12.9740, 7.1660

Tritanomaly

170.8220, 15.5410, 10.2050

Monochromacy



Original Color

170.5940, 16.1830, 9.5830

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9300, 6.1890, 3.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.5940, 16.1830, 9.5830 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(192, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 160, 169)  
}
```

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(192, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 160, 169) }
```

Border

The CSS property to change the border of an element to YIQ 170.5940, 16.1830, 9.5830 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(192, 160, 169) }
```


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

```
.border{ border-color:rgb(192, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 160,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 170.5940, 16.1830, 9.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 160, 169) }
```

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

```
.background{ background-color: rgb(192,  
160, 169) }
```

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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