

Converting Colors

YIQ(104.5950, 67.1680, 5.1840)

Have a look what the booklet for
YIQ(104.5950, 67.1680, 5.1840)
contains.

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Color

**YIQ(104.5950, 67.1680,
5.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5327
RGB	172, 83, 39
RGB Percent	67%, 33%, 15%
CMY	0.3253, 0.6746, 0.8468
CMYK	0.00, 0.52, 0.77, 0.33
HSL	20°, 63%, 41%
HSV	20°, 77%, 67%
XYZ	20.4814, 15.1037, 3.7619
YIQ	104.5950, 67.1680, 5.1840

Conversions

Conversions Part 2

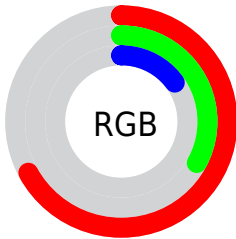
Format	Color
R_{YB}	172, 105, 39
Decimal	11293479
CIE _{Lab}	45.78, 33.49, 41.37
CIE _{LCh}	46, 53.225, 51.012
Yxy	15.1037, 0.5205, 0.3839
Android (android.graphics.Color)	4289483559 (0xFFAC5327)
YUV	104.5950, -32.3383, 59.1142
Hunter-Lab	38.8635, 26.0600, 21.4653

Details

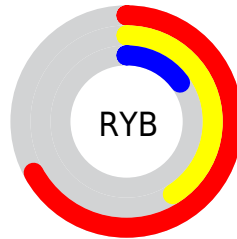
The YIQ color **104.5950, 67.1680, 5.1840** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **106.4050, -67.1680, -5.1840**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9440, 73.4950, 6.1590**, and **54.0440, 58.5940, 6.3860** is the 20% darker color. If you saturate the color by 10%, you get **95.6130, 75.9250, 6.1730**, and if you desaturate by 10%, it is **112.9900, 58.6860, 4.7180**.

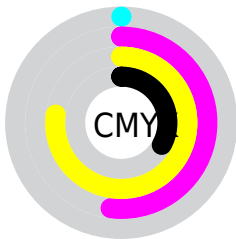
Distribution



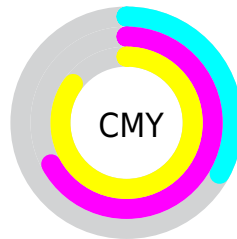
- Red (67%)
- Green (33%)
- Blue (15%)



- Red (67%)
- Yellow (41%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (77%)
- Black (33%)





- Cyan (33%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.5950, 67.1680, 5.1840 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 104.5950, 67.1680, 5.1840 by changing the saturation by 10% instead.


 104.5950, 67.1680,
5.1840


 104.5950, 67.1680,
5.1840


255.0000, -0.0000,
-0.0000


 78.2140, 63.8670,
4.4350


 158.2430, 74.0910,
6.3710


 54.0440, 58.5940,
6.3860


 183.5200, 71.7530,
4.6890


 29.5240, 48.7350,
14.3590

 202.3330, 55.9820,
-1.3460

 17.0430, 33.9720,
12.0840

 221.8470, 39.6150,
-7.5930

 8.7850, 16.9630,
6.4590

 241.9480, 22.9730,
-14.3630

 0.0000, 0.0000,
0.0000

 251.0100, 11.2350,

-10.8850

254.3160, 1.9260,
-1.8660

104.5950, 67.1680,
5.1840

104.5950, 67.1680,
5.1840

95.6130, 75.9250,
6.1730

112.9900, 58.6860,
4.7180

87.2180, 84.4070,
6.6390

121.9720, 49.9290,
3.7290

84.8870, 86.8370,
6.6530

131.0680, 40.8510,
3.0510

139.4630, 32.3690,
2.5850

148.4450, 23.6120,
1.5960

■ 156.8400, 15.1300,
1.1300

■ 165.9360, 6.0520,
0.4520

■ 174.3310, -2.4300,
-0.0140

■ 183.3130,
-11.1870, -1.0030

Harmonies

Analogous

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



103.6610, 67.9430, 29.6950



104.5950, 67.1680, 5.1840



102.2610, 55.3440, -22.8320

Triad

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



104.5950, 67.1680, 5.1840



85.7380, -65.0530, -38.0210



105.9810, -41.4060, 23.5380

Complementary

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



104.5950, 67.1680, 5.1840



106.4050, -67.1680, -5.1840

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.



91.7240, -95.6870, -0.4470



104.5950, 67.1680, 5.1840



91.5690, -80.0940, -24.2380

Square

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



104.5950, 67.1680, 5.1840



90.5190, -25.0720, -41.2320



94.1400, -91.4670, -10.8510



111.4950, 13.2890, 40.0170

Rectangle

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



104.5950, 67.1680, 5.1840



99.5420, 38.0150, -33.6730



94.1400, -91.4670, -10.8510



96.2050, -71.7560, 11.8920

Sweetspot

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



104.5950, 67.1680, 5.1840



198.2280, 25.7210, 1.9210



89.1410, 50.0570, 56.4970



96.1390, 15.7260, 1.3420



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



104.5950, 67.1680, 5.1840



118.6950, 104.9930, 8.0090



142.7500, 49.2930, -28.8110



82.4520, 4.5390, 0.3390



74.2000, 75.6500, 5.6500



11.5730, 11.5080, 0.6920

Inverse Universe

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



106.4050, -67.1680, -5.1840



121.8920, -105.2680, -8.5320



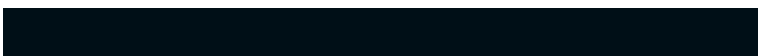
68.2500, -49.2930, 28.8110



82.5480, -4.5390, -0.3390



76.3870, -75.9250, -6.1730



11.4270, -11.5080, -0.6920

Previews

White Background



This preview shows how the YIQ color 104.5950, 67.1680, 5.1840 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 104.5950, 67.1680, 5.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.5950, 67.1680, 5.1840

Background



This preview shows how black text looks on a background with the YIQ color 104.5950, 67.1680, 5.1840.



This preview shows how white text looks on a background with the YIQ color 104.5950, 67.1680,

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

104.5950, 67.1680, 5.1840

Protanopia

105.4060, 27.3750, -17.0490

Deuteranopia

105.7730, 42.4590, -15.0850



Tritanopia

107.2740, 55.6110, 21.9070

Trichromacy



Original Color

104.5950, 67.1680, 5.1840

Protanomaly

105.4620, 42.1370, -9.2470

Deuteranomaly

105.1920, 51.7650, -7.5230

Tritanomaly

106.3250, 59.6010, 15.6730

Monochromacy



Original Color

104.5950, 67.1680, 5.1840

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7440, 24.2080, 1.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.5950, 67.1680, 5.1840 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(172, 83, 39)` looks like.

```
.text, #text, p{  
    color:rgb(172, 83, 39)  
}
```

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(172, 83, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 83, 39) }
```

Border

The CSS property to change the border of an element to YIQ 104.5950, 67.1680, 5.1840 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(172, 83, 39) }
```


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

```
.border{ border-color:rgb(172, 83, 39) }
```

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

Here you see how a box with a 4 pixel rgb(172, 83, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 83, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 83, 39);  
box-shadow:4px 4px 4px 4px rgb(172, 83,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 104.5950, 67.1680, 5.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 83, 39) }
```

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

```
.background{ background-color: rgb(172, 83,  
39) }
```

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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