

Converting Colors

YIQ(107.9350, 52.4920, 28.8760)

Have a look what the booklet for
YIQ(107.9350, 52.4920, 28.8760)
contains.

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Color

**YIQ(107.9350, 52.4920,
28.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	B04B63
RGB	176, 75, 99
RGB Percent	69%, 29%, 39%
CMY	0.3095, 0.7060, 0.6116
CMYK	0.00, 0.57, 0.44, 0.31
HSL	346°, 40%, 49%
HSV	346°, 57%, 69%
XYZ	22.6869, 15.1659, 13.5481
YIQ	107.9350, 52.4920, 28.8760

Conversions

Conversions Part 2

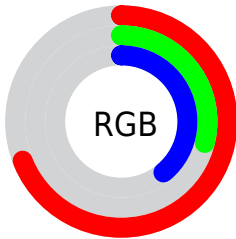
Format	Color
R_{YB}	176, 75, 99
Decimal	11553635
CIE _{Lab}	45.86, 43.52, 6.81
CIE _{LCh}	46, 44.046, 8.893
Yxy	15.1659, 0.4414, 0.2951
Android (android.graphics.Color)	4289743715 (0xFFB04B63)
YUV	107.9350, -4.4050, 59.6930
Hunter-Lab	38.9434, 35.8360, 6.6339

Details

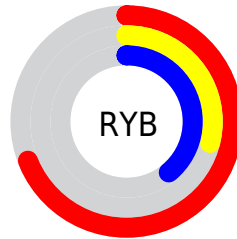
The YIQ color **107.9350, 52.4920, 28.8760** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **143.0650, -52.4920, -28.8760**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5010, 56.7100, 29.5260**, and **53.3630, 48.4110, 31.2510** is the 20% darker color. If you saturate the color by 10%, you get **95.8870, 61.6150, 34.2470**, and if you desaturate by 10%, it is **119.9830, 43.3690, 23.5050**.

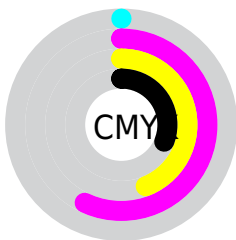
Distribution



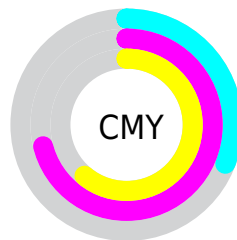
- Red (69%)
- Green (29%)
- Blue (39%)



- Red (69%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (57%)
- Yellow (44%)
- Black (31%)





- Cyan (31%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.9350, 52.4920, 28.8760 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 107.9350, 52.4920, 28.8760 by changing the saturation by 10% instead.


 107.9350, 52.4920,
28.8760


 107.9350, 52.4920,
28.8760


255.0000, -0.0000,
-0.0000


 81.2660, 50.0620,
28.8620


 162.5010, 56.7100,
29.5260


 53.3630, 48.4110,
31.2510


 187.2940, 52.8590,
27.7310


 31.1560, 44.5600,
29.4560

 206.3350, 36.4460,
22.3180

 20.2330, 36.4930,
15.9570

 226.5500, 19.4830,
15.8590

 11.7750, 22.9230,
8.5790

 245.6080, 4.4000,
8.3680

 0.0000, 0.0000,
0.0000

■ 107.9350, 52.4920,
28.8760

■ 107.9350, 52.4920,
28.8760

■ 95.8870, 61.6150,
34.2470

■ 119.9830, 43.3690,
23.5050

■ 84.3120, 70.7840,
38.7840

■ 131.5580, 34.2000,
18.9680

■ 72.2640, 79.9070,
44.1550

■ 143.6060, 25.0770,
13.5970

■ 60.6890, 89.0760,
48.6920

■ 155.1810, 15.9080,
9.0600

■ 57.4120, 91.4140,
50.3740


■ 167.2290, 6.7850,
3.6890

■ 179.3910, -2.6590,
-1.3710

■ 190.8520,
-11.5070, -6.2190

■ 202.9000,

-20.6300, -11.5900

 214.4750,
-29.7990, -16.1270

Harmonies

Analogous

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



110.9020, 30.8960, 34.8000



107.9350, 52.4920, 28.8760



107.1460, 58.5470, 12.7470

Triad

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



107.9350, 52.4920, 28.8760



98.9460, -1.0490, -30.5610



90.6180, -89.8170, -7.7130

Complementary

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



107.9350, 52.4920, 28.8760



143.0650, -52.4920, -28.8760

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.



90.9310, -83.8090, -17.4810



107.9350, 52.4920, 28.8760



82.6090, -60.3760, -40.1840

Square

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



107.9350, 52.4920, 28.8760



103.2720, 30.4480, -23.1840



88.1150, -73.1240, -29.4120



101.7740, -54.4250, 11.6790

Rectangle

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



107.9350, 52.4920, 28.8760



106.3760, 54.4230, -0.6250



88.1150, -73.1240, -29.4120



91.1080, -88.4410, -10.6250

Sweetspot

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



107.9350, 52.4920, 28.8760



203.1000, 20.6300, 11.5900



109.2380, 12.8750, 47.5230



99.4470, 12.1030, 6.4310



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



107.9350, 52.4920, 28.8760



122.8730, 82.5660, 45.5260



119.8740, 53.3210, 8.3370



82.9190, 4.7220, 2.5300



49.8510, 79.6320, 43.6320



8.4580, 13.5700, 7.3780

Inverse Universe

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



107.9350, 52.4920, 28.8760



122.8730, 82.5660, 45.5260



131.1260, -53.3210, -8.3370



82.9190, 4.7220, 2.5300



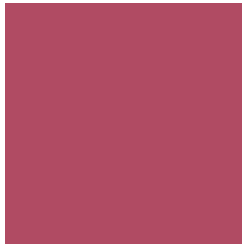
49.8510, 79.6320, 43.6320



8.4580, 13.5700, 7.3780

Previews

White Background



This preview shows how the YIQ color 107.9350, 52.4920, 28.8760 looks on a white background.

Color Contrast Check

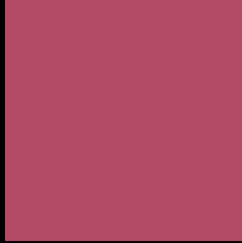
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9350, 52.4920, 28.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

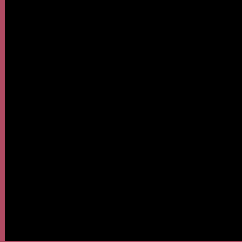
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.9350, 52.4920, 28.8760

Background



This preview shows how black text looks on a background with the YIQ color 107.9350, 52.4920, 28.8760.



This preview shows how white text looks on a background with the YIQ color 107.9350, 52.4920,

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

107.9350, 52.4920, 28.8760

Protanopia

110.0260, -2.8890, 2.7990

Deuteranopia

109.7260, 15.4510, 0.8190



Tritanopia

107.5730, 56.2070, 22.1190

Trichromacy



Original Color

107.9350, 52.4920, 28.8760

Protanomaly

109.3600, 16.9620, 11.9860

Deuteranomaly

109.1780, 29.1580, 11.2220

Tritanomaly

107.6700, 54.5560, 24.5080

Monochromacy



Original Color

107.9350, 52.4920, 28.8760

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.0890, 19.1630, 10.6430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.9350, 52.4920, 28.8760 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(176, 75, 99)` looks like.

```
.text, #text, p{  
    color:rgb(176, 75, 99)  
}
```

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(176, 75, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 75, 99) }
```

Border

The CSS property to change the border of an element to YIQ 107.9350, 52.4920, 28.8760 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(176, 75, 99) }
```


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

```
.border{ border-color:rgb(176, 75, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 75, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 75, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 75, 99);  
box-shadow:4px 4px 4px 4px rgb(176, 75,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 107.9350, 52.4920, 28.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 75, 99) }
```

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

```
.background{ background-color: rgb(176, 75,  
99) }
```

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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