

Converting Colors

YIQ(89.6890, 8.8460, 15.9020)

Have a look what the booklet for
YIQ(89.6890, 8.8460, 15.9020)
contains.

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Color

**YIQ(89.6890, 8.8460,
15.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4D6B
RGB	108, 77, 107
RGB Percent	42%, 30%, 42%
CMY	0.5764, 0.6981, 0.5804
CMYK	0.00, 0.29, 0.01, 0.58
HSL	302°, 17%, 36%
HSV	302°, 29%, 42%
XYZ	11.4942, 9.5572, 15.1497
YIQ	89.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

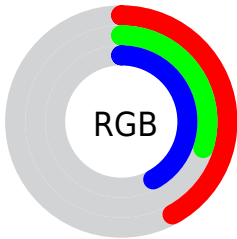
Format	Color
R _{YB}	108, 77, 107
Decimal	7097707
CIE Lab	37.04, 18.66, -12.20
CIE LCh	37, 22.288, 326.827
Yxy	9.5572, 0.3175, 0.2640
Android (android.graphics.Color)	4285287787 (0xFF6C4D6B)
YUV	89.6890, 8.5343, 16.0587
Hunter-Lab	30.9147, 12.2663, -7.4147

Details

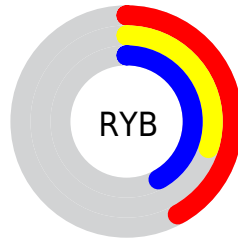
The YIQ color $[89.6890, 8.8460, 15.9020]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[95.3110, -8.8460, -15.9020]$, and the grayscale version is $[90.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[139.8140, 9.9920, 17.1600]$, and $[43.5640, 7.7000, 14.6440]$ is the 20% darker color. If you saturate the color by 10%, you get $[83.2320, 11.8710, 21.6550]$, and if you desaturate by 10%, it is $[96.1460, 5.8210, 10.1490]$.

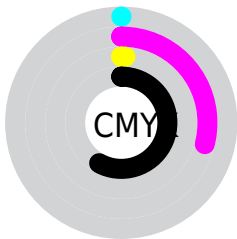
Distribution



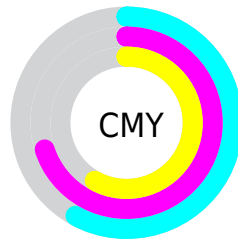
- Red (42%)
- Green (30%)
- Blue (42%)



- Red (42%)
- Yellow (30%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.6890, 8.8460, 15.9020 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 89.6890, 8.8460, 15.9020 by changing the saturation by 10% instead.

■ 89.6890, 8.8460,
15.9020

■ 89.6890, 8.8460,
15.9020

■ 255.0000, -0.0000,
-0.0000

■ 65.9770, 7.9750,
15.1670

■ 139.8140, 9.9920,
17.1600

■ 43.5640, 7.7000,
14.6440

■ 166.2270, 10.2670,
17.6830

■ 22.1510, 7.4250,
14.1210

■ 193.6400, 10.5420,
18.2060

■ 3.9170, -0.9640,
6.4600

■ 221.9390, 11.1380,
18.4180

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.5000,
10.4600

89.6890, 8.8460,
15.9020

89.6890, 8.8460,
15.9020

83.2320, 11.8710,
21.6550

96.1460, 5.8210,
10.1490

76.6610, 15.2170,
27.0970

102.7170, 2.4750,
4.7070

70.7910, 17.9670,
32.3270

108.5870, -0.2750,
-0.5230

64.3340, 20.9920,
38.0800

115.0440, -3.3000,
-6.2760

57.7630, 24.3380,
43.5220

121.6150, -6.6460,
-11.7180

51.3060, 27.3630,
49.2750

128.0720, -9.6710,
-17.4710

44.8490, 30.3880,
55.0280


134.5290,
-12.6960, -23.2240

44.1480, 30.9840,

140.5130,

55.2400

-15.7670, -28.1430

 146.9700,
-18.7920, -33.8960

Harmonies

Analogous

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



88.3000, -9.1720, 12.0440



89.6890, 8.8460, 15.9020



88.9910, 22.5550, 15.2510

Triad

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



89.6890, 8.8460, 15.9020



85.9080, 20.4500, -7.1820



73.4760, -48.7350, -14.3590

Complementary

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



89.6890, 8.8460, 15.9020



95.3110, -8.8460, -15.9020

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.



77.9910, -31.3120, -16.2400



89.6890, 8.8460, 15.9020



84.2050, 6.1920, -13.1040

Square

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



89.6890, 8.8460, 15.9020



87.3700, 28.1970, 1.1010



81.6420, -11.2760, -15.9160



77.1870, -46.1230, -6.6270

Rectangle

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



89.6890, 8.8460, 15.9020



88.8080, 27.3240, 11.4200



81.6420, -11.2760, -15.9160



74.8740, -44.1040, -15.6880

Sweetspot

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



89.6890, 8.8460, 15.9020



132.9560, 3.3000, 6.2760



80.8330, -9.3550, 9.8530



66.8910, 1.9250, 3.6610



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



89.6890, 8.8460, 15.9020



112.2970, 13.2460, 24.2700



87.9790, 13.6610, 11.2370



50.3640, 1.9710, 2.8270



47.8650, 33.4590, 59.9470



100.2730, 69.9430, 125.6470

Inverse Universe

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



89.6890, 8.8460, 15.9020



112.2970, 13.2460, 24.2700



97.0210, -13.6610, -11.2370



50.3640, 1.9710, 2.8270



47.8650, 33.4590, 59.9470



100.2730, 69.9430, 125.6470

Previews

White Background



This preview shows how the YIQ color 89.6890, 8.8460, 15.9020 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 ✓ Pass

Black Background



This preview shows how the YIQ color 89.6890, 8.8460, 15.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

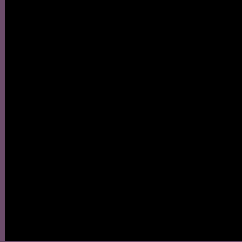
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.6890, 8.8460, 15.9020

Background



This preview shows how black text looks on a background with the YIQ color 89.6890, 8.8460, 15.9020.



This preview shows how white text looks on a background with the YIQ color 89.6890, 8.8460,

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

89.6890, 8.8460, 15.9020

Protanopia

87.3980, -12.5640, 7.4360

Deuteranopia

87.8780, -5.2280, 6.6440



Tritanopia

88.8600, 12.3780, 6.9540

Trichromacy



Original Color

89.6890, 8.8460, 15.9020

Protanomaly

88.2850, -4.8160, 10.1920

Deuteranomaly

88.6230, 0.0440, 10.2200

Tritanomaly

89.3700, 11.0020, 9.8660

Monochromacy



Original Color

89.6890, 8.8460, 15.9020

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6890, 8.8460, 15.9020 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(108, 77, 107)` looks like.

```
.text, #text, p{  
    color:rgb(108, 77, 107)  
}
```

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(108, 77, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 77, 107) }
```

Border

The CSS property to change the border of an element to YIQ 89.6890, 8.8460, 15.9020 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(108, 77, 107) }
```


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

```
.border{ border-color:rgb(108, 77, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 77, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 77, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 77, 107);  
box-shadow:4px 4px 4px 4px rgb(108, 77,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6890, 8.8460, 15.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 77, 107) }
```

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

```
.background{ background-color: rgb(108, 77,  
107) }
```

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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