

Converting Colors

YIQ(58.6120, 70.7800, 60.8920)

Have a look what the booklet for
YIQ(58.6120, 70.7800, 60.8920)
contains.

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Color

**YIQ(58.6120, 70.7800,
60.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	A40054
RGB	164, 0, 84
RGB Percent	64%, 0%, 33%
CMY	0.3564, 0.9999, 0.6704
CMYK	0.00, 1.00, 0.49, 0.36
HSL	329°, 100%, 32%
HSV	329°, 100%, 64%
XYZ	16.9355, 8.5455, 9.1557
YIQ	58.6120, 70.7800, 60.8920

Conversions

Conversions Part 2

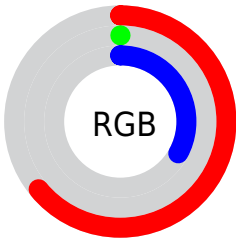
Format	Color
RYB	164, 0, 84
Decimal	10747988
CIELab	35.09, 61.12, 0.47
CIELCh	35, 61.125, 0.443
Yxy	8.5455, 0.4889, 0.2467
Android (android.graphics.Color)	4288938068 (0xFFA40054)
YUV	58.6120, 12.5163, 92.4253
Hunter-Lab	29.2327, 52.2544, 1.8933

Details

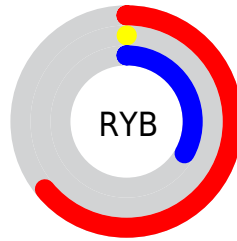
The YIQ color **58.6120, 70.7800, 60.8920** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **105.3880, -70.7800, -60.8920**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9240, 69.3610, 48.0570**, and **36.2540, 50.3360, 34.9120** is the 20% darker color. If you saturate the color by 10%, you get **58.6120, 70.7800, 60.8920**, and if you desaturate by 10%, it is **68.9160, 63.8120, 55.0120**.

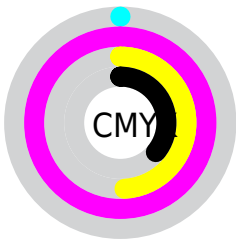
Distribution



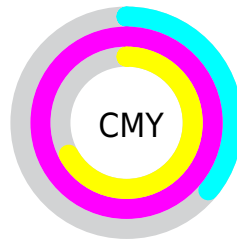
- Red (64%)
- Green (0%)
- Blue (33%)



- Red (64%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (36%)





- Cyan (36%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 58.6120, 70.7800, 60.8920 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 58.6120, 70.7800, 60.8920 by changing the saturation by 10% instead.


 58.6120, 70.7800,
60.8920


 58.6120, 70.7800,
60.8920


255.0000, -0.0000,
-0.0000


 47.3190, 60.8790,
47.5910


 127.9240, 69.3610,
48.0570


 36.2540, 50.3360,
34.9120

 157.1800, 71.5160,
47.5480


 25.1890, 39.7930,
22.2330

 176.6940, 55.1490,
41.3010

 15.1780, 29.1580,
11.2220

 196.3220, 38.4610,
35.3650

 0.0000, 0.0000,
0.0000

 216.5370, 21.4980,
28.9060

 235.0420, 9.3500,

17.7820

252.6520, 1.1000,
2.0920

58.6120, 70.7800,
60.8920

68.9160, 63.8120,
55.0120

79.8070, 56.5690,
48.6090

90.1110, 49.6010,
42.7290

101.0020, 42.3580,
36.3260

111.3060, 35.3900,
30.4460

■ 121.6100, 28.4220,
24.5660

■ 132.5010, 21.1790,
18.1630

■ 142.8050, 14.2110,
12.2830

■ 153.6960, 6.9680,
5.8800

Harmonies

Analogous

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



78.9150, 30.0220, 50.6460



58.6120, 70.7800, 60.8920



68.6790, 76.7000, 30.6840

Triad

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



58.6120, 70.7800, 60.8920



69.8400, 4.8210, -37.8270



77.2650, -81.1530, 0.4710

Complementary

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



58.6120, 70.7800, 60.8920



105.3880, -70.7800, -60.8920

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.



75.3950, -70.3760, -13.1280



58.6120, 70.7800, 60.8920



62.0060, -36.8090, -43.2810

Square

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



58.6120, 70.7800, 60.8920



77.7460, 37.9210, -20.9510



69.8090, -54.6470, -28.3670



72.9910, -82.8970, 10.0550

Rectangle

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



58.6120, 70.7800, 60.8920



73.3030, 73.8620, 5.0140



69.8090, -54.6470, -28.3670



77.2990, -78.4930, -3.6850

Sweetspot

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



58.6120, 70.7800, 60.8920



172.8980, 27.5510, 23.8310



42.3170, -5.5600, 67.7520



82.5280, 16.5490, 13.9650



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



58.6120, 70.7800, 60.8920



76.5260, 92.2340, 79.5780



49.3780, 96.7810, 35.7010



76.2610, 3.7590, 3.4630



51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Inverse Universe

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



58.6120, 70.7800, 60.8920



76.5260, 92.2340, 79.5780



114.6220, -96.7810, -35.7010



76.2610, 3.7590, 3.4630



51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 58.6120, 70.7800, 60.8920 looks on a white background.

Color Contrast Check

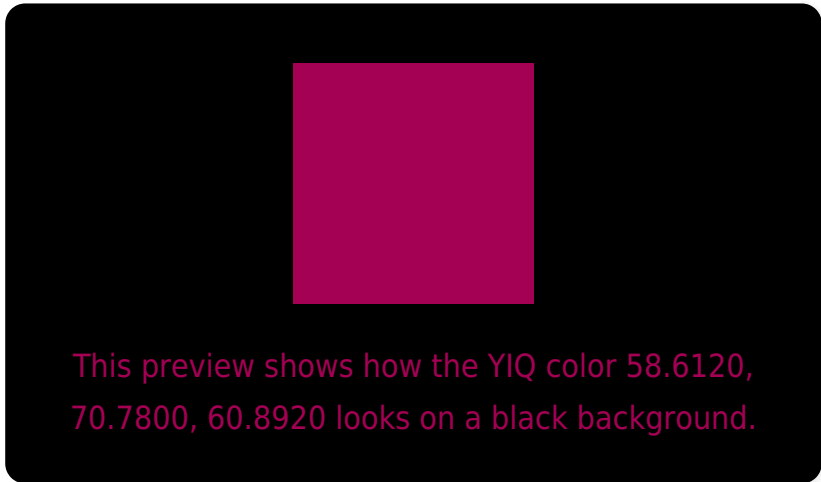
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

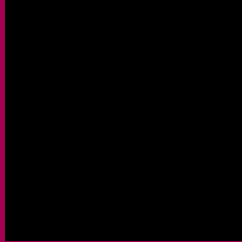
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.6120, 70.7800, 60.8920

Background



This preview shows how black text looks on a background with the YIQ color 58.6120, 70.7800, 60.8920.



This preview shows how white text looks on a background with the YIQ color 58.6120, 70.7800,

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

58.6120, 70.7800, 60.8920

Protanopia

85.2280, -17.8370, 9.3870

Deuteranopia

85.9150, 10.5450, 1.6250



Tritanopia

71.6850, 76.5630, 27.6590

Trichromacy



Original Color

58.6120, 70.7800, 60.8920

Protanomaly

75.4160, 14.5290, 28.5530

Deuteranomaly

75.8230, 32.1360, 23.3360

Tritanomaly

66.9920, 74.6810, 39.7450

Monochromacy



Original Color

58.6120, 70.7800, 60.8920

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0610, 25.5340, 21.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.6120, 70.7800, 60.8920 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(164, 0, 84)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 84)  
}
```

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(164, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 84) }
```

Border

The CSS property to change the border of an element to YIQ 58.6120, 70.7800, 60.8920 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(164, 0, 84) }
```


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

```
.border{ border-color:rgb(164, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(164, 0, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.6120, 70.7800, 60.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 84) }
```

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

```
.background{ background-color: rgb(164, 0,  
84) }
```

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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