

Converting Colors

YIQ(62.0680, 17.9110, 88.4310)

Have a look what the booklet for
YIQ(62.0680, 17.9110, 88.4310)
contains.

| | |
|--|----|
| YIQ(62.0680, 17.9110, 88.4310) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(62.0680, 17.9110,
88.4310)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8600C1 |
| RGB | 134, 0, 193 |
| RGB Percent | 53%, 0%, 76% |
| CMY | 0.4741, 1.0000, 0.2432 |
| CMYK | 0.31, 1.00, 0.00, 0.24 |
| HSL | 282°, 100%, 38% |
| HSV | 282°, 100%, 76% |
| XYZ | 19.4728, 8.9269, 51.1371 |
| YIQ | 62.0680, 17.9110, 88.4310 |

Conversions

Conversions Part 2

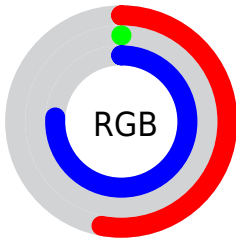
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 134, 0, 193 |
| Decimal | 8782017 |
| CIE _{Lab} | 35.84, 71.30, -66.08 |
| CIE _{LCh} | 36, 97.208, 317.176 |
| Yxy | 8.9269, 0.2448, 0.1122 |
| Android (android.graphics.Color) | 4286972097 (0xFF8600C1) |
| YUV | 62.0680, 64.5495, 63.0844 |
| Hunter-Lab | 29.8779, 64.0501, -80.5624 |

Details

The YIQ color **62.0680, 17.9110, 88.4310** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **130.9320, -17.9110, -88.4310**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.1070, 13.0070, 78.1830**, and **38.4560, 0.9980, 59.0300** is the 20% darker color. If you saturate the color by 10%, you get **62.0680, 17.9110, 88.4310**, and if you desaturate by 10%, it is **75.0150, 16.2620, 79.7660**.

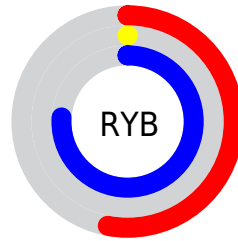
Distribution



Red (53%)

Green (0%)

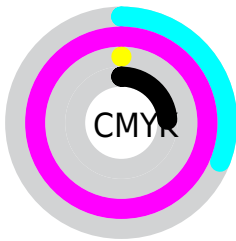
Blue (76%)



Red (53%)

Yellow (0%)

Blue (76%)

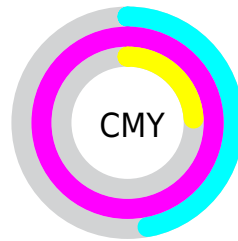


Cyan (31%)

Magenta (100%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (100%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.0680, 17.9110, 88.4310 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 62.0680, 17.9110, 88.4310 by changing the saturation by 10% instead.

62.0680, 17.9110,
88.4310

62.0680, 17.9110,
88.4310

255.0000, -0.0000,
-0.0000

50.2050, 9.6150,
73.5750

132.1070, 13.0070,
78.1830

38.4560, 0.9980,
59.0300

158.5560, 21.6280,
70.6200

26.2230, -9.1320,
44.3720

183.9620, 31.8080,
62.3360

11.0000, -25.2220,
27.5940

201.5830, 25.0250,
47.5930

7.0680, -19.9020,
19.2820

218.6060, 17.0500,
32.4260


6.2070, -13.3440,
10.5600

235.6290, 9.0750,


2.4110, -5.4110,


17.2590


4.4530

 253.2390, 0.8250,
1.5690


 0.0000, 0.0000,
0.0000

 62.0680, 17.9110,
88.4310

 75.0150, 16.2620,
79.7660

 88.5490, 14.3380,
70.5780

 101.4960, 12.6890,
61.9130

 114.4430, 11.0400,
53.2480

 127.3900, 9.3910,
44.5830

■ 140.6250, 6.8710,
35.1830

■ 153.5720, 5.2220,
26.5180

■ 166.5190, 3.5730,
17.8530

■ 180.0530, 1.6490,
8.6650

Harmonies

Analogous

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



75.3800, -99.2690, 31.4430



62.0680, 17.9110, 88.4310



72.9960, 79.1670, 79.6070

Triad

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



62.0680, 17.9110, 88.4310



79.6720, 59.1010, -8.3150



79.8630, -71.9340, -17.9340

Complementary

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



62.0680, 17.9110, 88.4310



130.9320, -17.9110, -88.4310

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.



69.2270, -44.7410, -42.7010



62.0680, 17.9110, 88.4310



73.1180, 9.9100, -36.4420

Square

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



62.0680, 17.9110, 88.4310



54.1190, 107.8760, 38.3720



61.6350, -28.8750, -54.9150



88.5440, -95.0000, 3.6240

Rectangle

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



62.0680, 17.9110, 88.4310



70.4710, 102.0940, 66.0780



61.6350, -28.8750, -54.9150



76.7850, -63.2670, -26.3310

Sweetspot

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



62.0680, 17.9110, 88.4310



199.0980, 6.9170, 34.3490



57.8090, -78.7280, 28.1200



94.3990, 4.0310, 20.5670



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.



62.0680, 17.9110, 88.4310



80.5260, 23.4540, 114.6380



75.7190, 64.3100, 90.0540



90.2330, 0.9620, 4.5940



51.8420, 15.0710, 73.8150



10.6390, 3.1150, 15.1390

Inverse Universe

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



64.4330, 96.0890, 59.2650



83.4140, 124.6040, 76.6360



117.2810, -64.3100, -90.0540



90.3320, 4.9970, 3.0530



53.7250, 80.2270, 49.3710



11.0070, 16.4580, 10.1060

Previews

White Background



This preview shows how the YIQ color 62.0680, 17.9110, 88.4310 looks on a white background.

Color Contrast Check

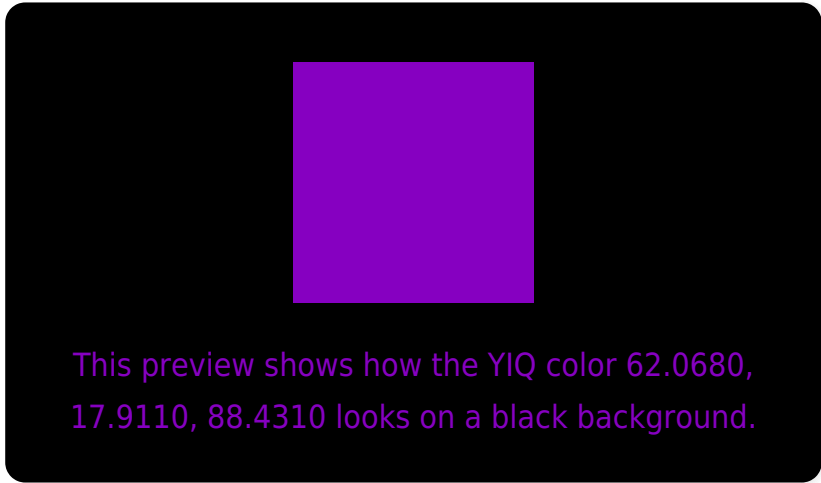
Large Text (above 18pt) WCAG AA ✓ Pass

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

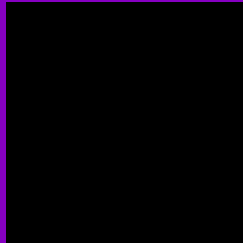
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.0680, 17.9110, 88.4310

Background



This preview shows how black text looks on a background with the YIQ color 62.0680, 17.9110, 88.4310.



This preview shows how white text looks on a background with the YIQ color 62.0680, 17.9110,

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

62.0680, 17.9110, 88.4310

Protanopia

69.3720, -79.5960, 10.8040

Deuteranopia

69.6850, -73.5880, 1.0360



Tritanopia

87.6440, 21.9140, 10.3460

Trichromacy



Original Color

62.0680, 17.9110, 88.4310



Protanomaly

66.5100, -43.7930, 39.2710



Deuteranomaly

67.2620, -40.3990, 32.8250



Tritanomaly

78.5620, 20.3500, 38.7020

Monochromacy



Original Color

62.0680, 17.9110, 88.4310



Achromatopsia

62.0000, -0.0000, -0.0000



Achromatomaly

61.7450, 6.4130, 32.4690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.0680, 17.9110, 88.4310 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(134, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 193)  
}
```

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(134, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 193) }
```

Border

The CSS property to change the border of an element to YIQ 62.0680, 17.9110, 88.4310 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(134, 0, 193) }
```


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

```
.border{ border-color:rgb(134, 0, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 0, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 62.0680, 17.9110, 88.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 193) }
```

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

```
.background{ background-color: rgb(134, 0,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

[@ConvertingColor](https://twitter.com/ConvertingColor)