

Converting Colors

YIQ(64.3200, 33.9160, 68.1880)

Have a look what the booklet for
YIQ(64.3200, 33.9160, 68.1880)
contains.

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Color

**YIQ(64.3200, 33.9160,
68.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0B8F
RGB	139, 11, 143
RGB Percent	55%, 4%, 56%
CMY	0.4545, 0.9570, 0.4392
CMYK	0.03, 0.92, 0.00, 0.44
HSL	298°, 86%, 30%
HSV	298°, 92%, 56%
XYZ	15.7415, 7.7190, 26.6501
YIQ	64.3200, 33.9160, 68.1880

Conversions

Conversions Part 2

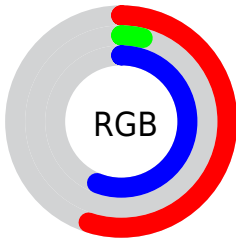
Format	Color
R_{YB}	139, 11, 143
Decimal	9112463
CIE _{Lab}	33.39, 61.69, -39.95
CIE _{LCh}	33, 73.497, 327.074
Yxy	7.7190, 0.3141, 0.1540
Android (android.graphics.Color)	4287302543 (0xFF8B0B8F)
YUV	64.3200, 38.7892, 65.4944
Hunter-Lab	27.7831, 52.5154, -37.4240

Details

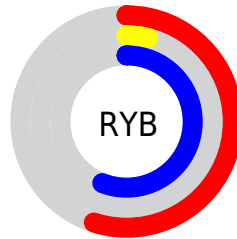
The YIQ color **64.3200, 33.9160, 68.1880** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **89.6800, -33.9160, -68.1880**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4350, 31.8540, 61.5020**, and **35.6040, 20.5320, 46.4200** is the 20% darker color. If you saturate the color by 10%, you get **57.8630, 36.9410, 73.9410**, and if you desaturate by 10%, it is **72.8370, 30.6620, 61.0780**.

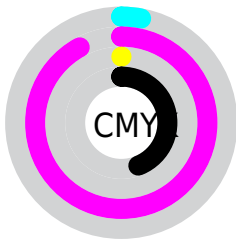
Distribution



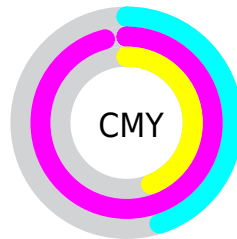
- Red (55%)
- Green (4%)
- Blue (56%)



- Red (55%)
- Yellow (4%)
- Blue (56%)



- Cyan (3%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.3200, 33.9160, 68.1880 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 64.3200, 33.9160, 68.1880 by changing the saturation by 10% instead.

64.3200, 33.9160,
68.1880

64.3200, 33.9160,
68.1880

255.0000, -0.0000,
-0.0000

46.5270, 28.5990,
59.9190

127.4350, 31.8540,
61.5020

35.6040, 20.5320,
46.4200

155.8480, 32.1290,
62.0250

25.0940, 12.7400,
33.4440

184.5600, 33.0000,
62.7600

14.6980, 4.6270,
20.7790

200.9960, 25.3000,
48.1160

3.2090, -7.6580,
6.6300

217.4320, 17.6000,
33.4720

0.0000, 0.0000,
0.0000

234.4550, 9.6250,

18.3050

252.0650, 1.3750,
2.6150

64.3200, 33.9160,
68.1880

64.3200, 33.9160,
68.1880

57.8630, 36.9410,
73.9410

72.8370, 30.6620,
61.0780

81.6420, 26.5370,
53.2330

89.8600, 22.6870,
45.9110

98.3770, 19.4330,
38.8010

106.5950, 15.5830,
31.4790

■ 115.6990, 12.0540,
23.8460

■ 123.9170, 8.2040,
16.5240

■ 132.1350, 4.3540,
9.2020

■ 141.2390, 0.8250,
1.5690

Harmonies

Analogous

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



70.4820, -55.7580, 30.3380



64.3200, 33.9160, 68.1880



61.3460, 74.5850, 63.5210

Triad

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



64.3200, 33.9160, 68.1880



74.5230, 40.1670, -17.6010



74.2210, -69.8260, -12.0820

Complementary

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



64.3200, 33.9160, 68.1880



89.6800, -33.9160, -68.1880

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.



66.7940, -50.2910, -30.2190



64.3200, 33.9160, 68.1880



65.6870, 0.8780, -37.9540

Square

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



64.3200, 33.9160, 68.1880



69.4710, 73.4490, 6.9930



56.9390, -26.6750, -50.7310



78.2910, -84.0420, 3.2700

Rectangle

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



64.3200, 33.9160, 68.1880



57.6120, 87.9750, 52.1270



56.9390, -26.6750, -50.7310



71.9410, -63.4060, -18.3020

Sweetspot

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



64.3200, 33.9160, 68.1880



155.1770, 13.7040, 26.9840



28.3960, -43.4720, 38.9600



74.9170, 8.2040, 16.5240



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



64.3200, 33.9160, 68.1880



75.3230, 48.1700, 96.2180



58.4480, 56.2020, 49.7540



66.8910, 1.9250, 3.6610



54.5590, 34.7410, 69.7570



3.0050, 1.6040, 3.9720

Inverse Universe

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



50.9240, 77.3880, 29.2280



56.2980, 108.9300, 41.2980



95.5520, -56.2020, -49.7540



66.0930, 4.1720, 1.4840



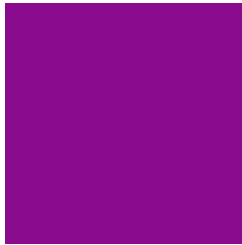
40.8210, 79.1760, 29.8640



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 64.3200, 33.9160, 68.1880 looks on a white background.

Color Contrast Check

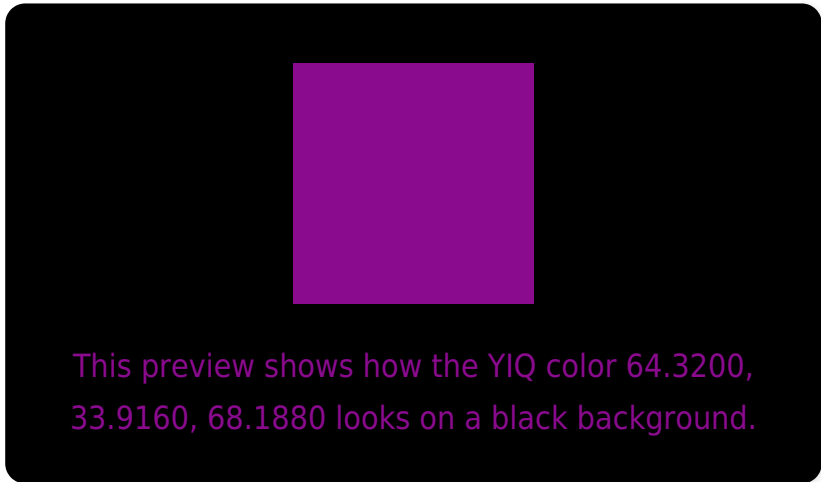
Large Text (above 18pt) WCAG AA ✓ Pass

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

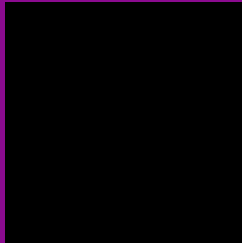
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.3200, 33.9160, 68.1880

Background



This preview shows how black text looks on a background with the YIQ color 64.3200, 33.9160, 68.1880.



This preview shows how white text looks on a background with the YIQ color 64.3200, 33.9160,

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

64.3200, 33.9160, 68.1880

Protanopia

64.5960, -74.4150, 10.5210

Deuteranopia

76.0930, -39.3860, 8.9500



Tritanopia

79.2830, 42.2240, 16.7200

Trichromacy



Original Color

64.3200, 33.9160, 68.1880

Protanomaly

64.8450, -34.8510, 31.3970

Deuteranomaly

72.2250, -12.6140, 30.3780

Tritanomaly

73.6210, 39.0570, 35.5770

Monochromacy



Original Color

64.3200, 33.9160, 68.1880

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.2260, 12.0080, 24.6800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3200, 33.9160, 68.1880 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(139, 11, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 11, 143)  
}
```

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(139, 11, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 11, 143) }
```

Border

The CSS property to change the border of an element to YIQ 64.3200, 33.9160, 68.1880 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(139, 11, 143) }
```


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

```
.border{ border-color:rgb(139, 11, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 11, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 11, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 11, 143); box-shadow:4px 4px 4px 4px rgb(139, 11, 143) }
```

Background

The CSS property to change the background color of an element to YIQ 64.3200, 33.9160, 68.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 11, 143) }
```

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

```
.background{ background-color: rgb(139, 11,  
143) }
```

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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