

Converting Colors

YIQ(68.3100, -4.8230, 48.8810)

Have a look what the booklet for
YIQ(68.3100, -4.8230, 48.8810)
contains.

| | |
|--|----|
| YIQ(68.3100, -4.8230, 48.8810) | 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(68.3100, -4.8230,
48.8810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5E269D |
| RGB | 94, 38, 157 |
| RGB Percent | 37%, 15%, 62% |
| CMY | 0.6312, 0.8511, 0.3844 |
| CMYK | 0.40, 0.76, 0.00, 0.38 |
| HSL | 268°, 61%, 38% |
| HSV | 268°, 76%, 62% |
| XYZ | 11.3973, 6.2006, 32.4817 |
| YIQ | 68.3100, -4.8230, 48.8810 |

Conversions

Conversions Part 2

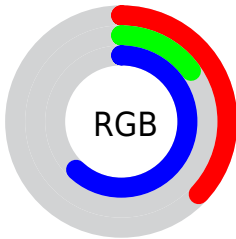
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 94, 38, 157 |
| Decimal | 6170269 |
| CIE Lab | 29.91, 48.66, -54.48 |
| CIE LCh | 30, 73.044, 311.773 |
| Yxy | 6.2006, 0.2276, 0.1238 |
| Android (android.graphics.Color) | 4284360349 (0xFF5E269D) |
| YUV | 68.3100, 43.7242, 22.5301 |
| Hunter-Lab | 24.9009, 38.1235, -59.9094 |

Details

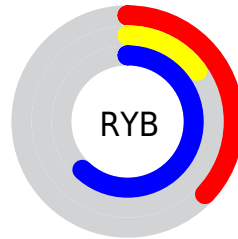
The YIQ color **68.3100, -4.8230, 48.8810** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **126.6900, 4.8230, -48.8810**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3750, -3.4480, 51.4960**, and **22.9190, -11.3320, 40.1880** is the 20% darker color. If you saturate the color by 10%, you get **56.5260, -5.1910, 55.5530**, and if you desaturate by 10%, it is **80.0940, -4.4550, 42.2090**.

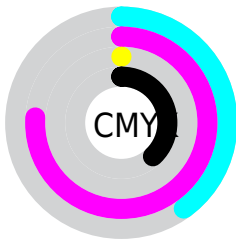
Distribution



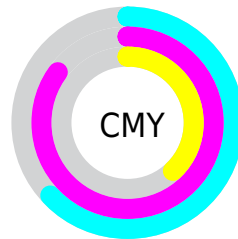
- Red (37%)
- Green (15%)
- Blue (62%)



- Red (37%)
- Yellow (15%)
- Blue (62%)



- Cyan (40%)
- Magenta (76%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.3100, -4.8230, 48.8810 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 68.3100, -4.8230, 48.8810 by changing the saturation by 10% instead.

68.3100, -4.8230,
48.8810

68.3100, -4.8230,
48.8810

255.0000, -0.0000,
-0.0000

39.2500, -4.5940,
50.2380

121.2610, -3.1270,
51.1850

22.9190, -11.3320,
40.1880

148.2010, -2.8980,
52.5420

11.5120, -20.9120,
26.5760

173.7300, 2.7420,
49.4460

6.9710, -18.2510,
16.8930

198.2500, 12.6010,
41.4730

4.9360, -11.1430,
9.2170

220.3670, 16.2250,
30.8570

0.6840, -1.9260,
1.8660

237.3900, 8.2500,

0.0000, 0.0000,

15.6900

0.0000

254.4130, 0.2750,
0.5230

■ 68.3100, -4.8230,
48.8810

■ 68.3100, -4.8230,
48.8810

■ 56.5260, -5.1910,
55.5530

■ 80.0940, -4.4550,
42.2090

■ 45.0300, -6.4300,
61.4900

■ 91.5900, -3.2160,
36.2720

■ 40.0240, -6.2930,
64.5150

■ 103.3740, -2.8480,
29.6000

■ 115.1580, -2.4800,
22.9280

■ 126.6540, -1.2410,
16.9910

■ 138.4380, -0.8730,
10.3190

■ 150.2220, -0.5050,
3.6470

■ 162.0060, -0.1370,
-3.0250

■ 173.5020, 1.1020,
-8.9620

Harmonies

Analogous

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



63.3540, -79.1850, 19.8790



68.3100, -4.8230, 48.8810



57.0480, 55.0530, 65.0770

Triad

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



68.3100, -4.8230, 48.8810



65.7840, 53.0940, -4.0740



64.4920, -54.8320, -19.5040

Complementary

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



68.3100, -4.8230, 48.8810



126.6900, 4.8230, -48.8810

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.



56.3640, -34.7010, -37.4290



68.3100, -4.8230, 48.8810



64.0580, 19.3070, -25.0210

Square

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



68.3100, -4.8230, 48.8810



44.5510, 88.8040, 31.5880



49.8950, -23.3750, -44.4550



70.6480, -72.1660, -2.7100

Rectangle

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



68.3100, -4.8230, 48.8810



56.4180, 74.0820, 56.1140



49.8950, -23.3750, -44.4550



61.7390, -48.4580, -24.8900

Sweetspot

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



68.3100, -4.8230, 48.8810



168.9360, -1.9750, 19.2810



88.5470, -55.5240, 4.0600



80.4920, -0.9650, 11.9870



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



68.3100, -4.8230, 48.8810



65.5160, -7.2580, 76.5020



85.9510, 30.3410, 61.3890



73.1080, -0.1840, 3.3360



36.3350, -5.9710, 58.6770



3.8030, -0.6430, 6.1490

Inverse Universe

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



80.7630, 50.7010, 44.8210



84.9000, 79.0770, 70.2210



109.0490, -30.3410, -61.3890



73.8480, 3.4840, 2.9400



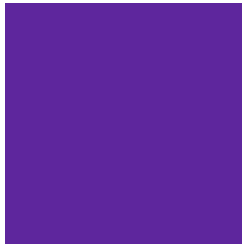
51.4210, 60.8320, 53.9520



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 68.3100, -4.8230, 48.8810 looks on a white background.

Color Contrast Check

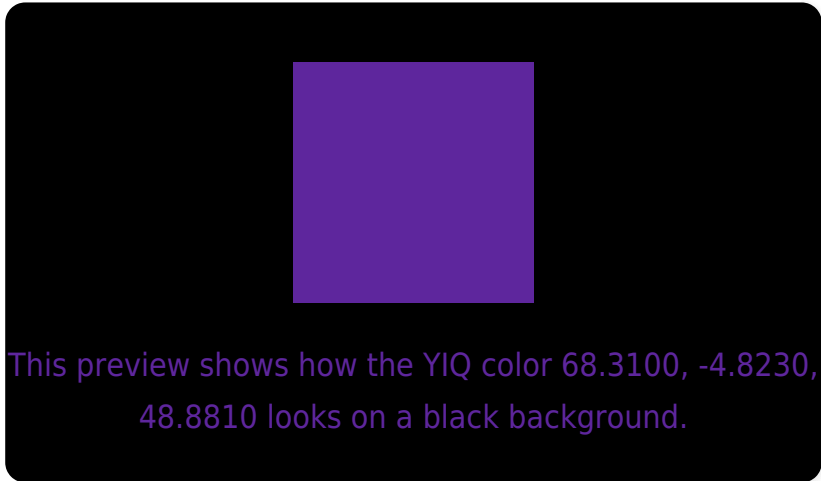
Large Text (above 18pt) WCAG AA ✓ Pass

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

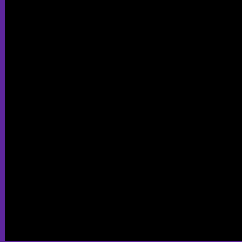
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.3100, -4.8230, 48.8810

Background



This preview shows how black text looks on a background with the YIQ color 68.3100, -4.8230, 48.8810.



This preview shows how white text looks on a background with the YIQ color 68.3100, -4.8230,

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

68.3100, -4.8230, 48.8810

Protanopia

57.0330, -65.5200, 9.0080

Deuteranopia

57.1010, -60.2000, 0.6960



Tritanopia

71.6630, 2.5670, 3.0390

Trichromacy



Original Color

68.3100, -4.8230, 48.8810

Protanomaly

61.1980, -43.5150, 23.2130

Deuteranomaly

61.0040, -40.2130, 18.4350

Tritanomaly

70.7190, 0.1340, 19.6060

Monochromacy



Original Color

68.3100, -4.8230, 48.8810

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.8820, -1.8830, 17.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.3100, -4.8230, 48.8810 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(94, 38, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 38, 157)  
}
```

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(94, 38, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 38, 157) }
```

Border

The CSS property to change the border of an element to YIQ 68.3100, -4.8230, 48.8810 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(94, 38, 157) }
```


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

```
.border{ border-color:rgb(94, 38, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 38, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 38, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 38, 157);  
box-shadow:4px 4px 4px 4px rgb(94, 38,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 68.3100, -4.8230, 48.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 38, 157) }
```

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

```
.background{ background-color: rgb(94, 38,  
157) }
```

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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