

Converting Colors

YIQ(58.4260, -6.3440, 92.9840)

Have a look what the booklet for
YIQ(58.4260, -6.3440, 92.9840)
contains.

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Color

**YIQ(58.4260, -6.3440,
92.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	6E00E0
RGB	110, 0, 224
RGB Percent	43%, 0%, 88%
CMY	0.5682, 1.0000, 0.1218
CMYK	0.51, 1.00, 0.00, 0.12
HSL	269°, 100%, 44%
HSV	269°, 100%, 88%
XYZ	19.8908, 8.7006, 71.1160
YIQ	58.4260, -6.3440, 92.9840

Conversions

Conversions Part 2

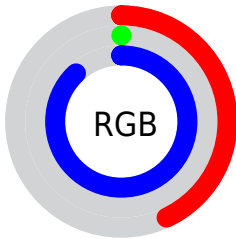
Format	Color
RYB	110, 0, 224
Decimal	7209184
CIELab	35.40, 75.30, -84.90
CIELCh	35, 113.481, 311.568
Yxy	8.7006, 0.1995, 0.0873
Android (android.graphics.Color)	4285399264 (0xFF6E00E0)
YUV	58.4260, 81.6280, 45.2304
Hunter-Lab	29.4968, 68.7498, -122.2987

Details

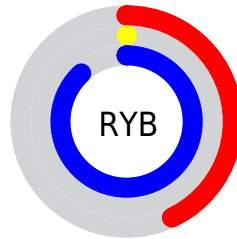
The YIQ color **58.4260, -6.3440, 92.9840** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **165.5740, 6.3440, -92.9840**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9960, 0.0780, 75.7100**, and **29.5030, -32.7470, 59.3570** is the 20% darker color. If you saturate the color by 10%, you get **58.4260, -6.3440, 92.9840**, and if you desaturate by 10%, it is **74.6290, -5.8380, 83.8100**.

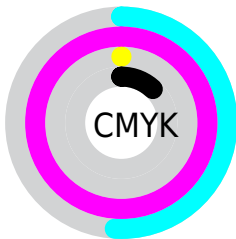
Distribution



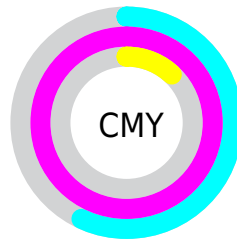
- Red (43%)
- Green (0%)
- Blue (88%)



- Red (43%)
- Yellow (0%)
- Blue (88%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (57%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4260, -6.3440, 92.9840 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 58.4260, -6.3440, 92.9840 by changing the saturation by 10% instead.

■ 58.4260, -6.3440,
92.9840

■ 58.4260, -6.3440,
92.9840

■ 255.0000, -0.0000,
-0.0000

■ 45.2530, -16.7030,
76.9690

■ 125.9960, 0.0780,
75.7100

■ 29.8020, -32.1510,
59.5690

■ 151.4020, 10.2580,
67.4260

■ 15.9600, -44.9400,
43.5400

■ 177.6940, 20.7590,
58.8310

■ 12.8820, -36.2730,
35.1430

■ 200.4090, 25.5750,
48.6390

■ 11.6790, -28.7520,
25.4880

■ 217.4320, 17.6000,
33.4720


■ 10.7040, -21.8730,
16.4550


■ 234.4550, 9.6250,

■ 6.3210, -13.6650,


18.3050


10.8710


 251.4780, 1.6500,
3.1380


 2.6390, -6.0530,
5.0750


 0.0000, 0.0000,
0.0000

 58.4260, -6.3440,
92.9840

 74.6290, -5.8380,
83.8100

 91.7180, -5.0110,
74.3250

 107.9210, -4.5050,
65.1510

 125.0100, -3.6780,
55.6660

■ 141.2130, -3.1720,
46.4920

■ 157.4160, -2.6660,
37.3180

■ 174.5050, -1.8390,
27.8330

■ 190.7080, -1.3330,
18.6590

■ 207.7970, -0.5060,
9.1740

Harmonies

Analogous

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



81.3130, -106.3300, 32.7580



58.4260, -6.3440, 92.9840



77.8960, 76.8730, 88.1450

Triad

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



58.4260, -6.3440, 92.9840



75.3520, 72.1660, 2.7100



79.1960, -68.6780, -21.8780

Complementary

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



58.4260, -6.3440, 92.9840



165.5740, 6.3440, -92.9840

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.



65.4650, -34.1480, -52.9640



58.4260, -6.3440, 92.9840



74.0480, 16.0990, -32.9650

Square

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



58.4260, -6.3440, 92.9840



59.8000, 119.2000, 42.4000



61.6350, -28.8750, -54.9150



90.4020, -97.4760, 4.4440

Rectangle

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



58.4260, -6.3440, 92.9840



76.8510, 107.1360, 73.8240



61.6350, -28.8750, -54.9150



74.9610, -58.1310, -31.3070

Sweetspot

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



58.4260, -6.3440, 92.9840



198.7270, -2.3440, 31.4800



93.6280, -103.8040, 8.9960



93.8220, -1.6540, 18.9700



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



58.4260, -6.3440, 92.9840



66.4450, -7.3550, 105.8050



91.3160, 59.2160, 116.3040



103.7490, -0.5510, 4.4810



46.0770, -4.6440, 73.1800



12.6480, -1.1040, 20.0160

Inverse Universe

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



79.9720, 96.9100, 82.9420



91.0650, 110.2500, 94.4900



132.6840, -59.2160, -116.3040



104.9730, 4.6300, 4.1980



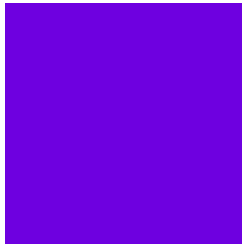
62.7700, 76.3270, 64.9910



17.2020, 20.5830, 17.9510

Previews

White Background



This preview shows how the YIQ color 58.4260, -6.3440, 92.9840 looks on a white background.

Color Contrast Check

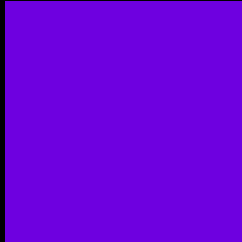
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.4260, -6.3440, 92.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

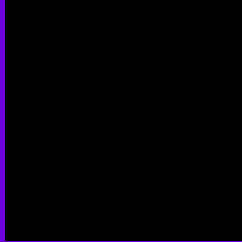
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.4260, -6.3440, 92.9840

Background



This preview shows how black text looks on a background with the YIQ color 58.4260, -6.3440, 92.9840.



This preview shows how white text looks on a background with the YIQ color 58.4260, -6.3440,

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

58.4260, -6.3440, 92.9840

Protanopia

67.7420, -77.7620, 10.6060

Deuteranopia

68.4140, -71.3870, -0.3070



Tritanopia

83.3130, -11.1870, -1.0030

Trichromacy



Original Color

58.4260, -6.3440, 92.9840

Protanomaly

64.2580, -51.7710, 40.6850

Deuteranomaly

64.7820, -47.7350, 33.6170

Tritanomaly

74.0730, -9.1300, 33.3180

Monochromacy



Original Color

58.4260, -6.3440, 92.9840

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1940, -2.1610, 33.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4260, -6.3440, 92.9840 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(110, 0, 224)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 224)  
}
```

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(110, 0, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 224) }
```

Border

The CSS property to change the border of an element to YIQ 58.4260, -6.3440, 92.9840 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(110, 0, 224) }
```


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

```
.border{ border-color:rgb(110, 0, 224) }
```

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

Here you see how a box with a 4 pixel rgb(110, 0, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 224);  
box-shadow:4px 4px 4px 4px rgb(110, 0,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 58.4260, -6.3440, 92.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 224) }
```

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

```
.background{ background-color: rgb(110, 0,  
224) }
```

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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