

Converting Colors

YIQ(59.0800, 0.4420, 91.1460)

Have a look what the booklet for
YIQ(59.0800, 0.4420, 91.1460)
contains.

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Color

**YIQ(59.0800, 0.4420,
91.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	7400D6
RGB	116, 0, 214
RGB Percent	45%, 0%, 84%
CMY	0.5447, 1.0000, 0.1609
CMYK	0.46, 1.00, 0.00, 0.16
HSL	273°, 100%, 42%
HSV	273°, 100%, 84%
XYZ	19.3486, 8.5731, 64.2253
YIQ	59.0800, 0.4420, 91.1460

Conversions

Conversions Part 2

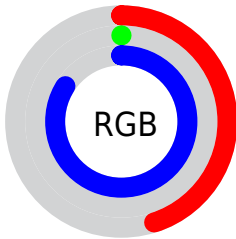
Format	Color
RYB	116, 0, 214
Decimal	7602390
CIELab	35.15, 73.66, -79.54
CIElCh	35, 108.411, 312.801
Yxy	8.5731, 0.2100, 0.0930
Android (android.graphics.Color)	4285792470 (0xFF7400D6)
YUV	59.0800, 76.3756, 49.9188
Hunter-Lab	29.2798, 66.7163, -109.5569

Details

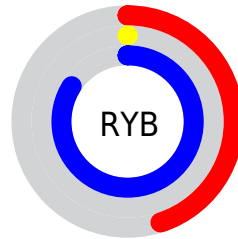
The YIQ color **59.0800, 0.4420, 91.1460** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **154.9200, -0.4420, -91.1460**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1920, 2.4620, 76.5580**, and **32.6630, -21.5140, 59.5260** is the 20% darker color. If you saturate the color by 10%, you get **59.0800, 0.4420, 91.1460**, and if you desaturate by 10%, it is **74.3970, 0.6270, 82.2830**.

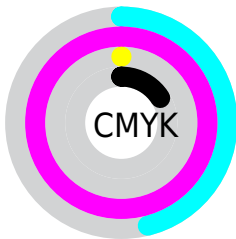
Distribution



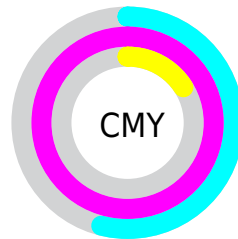
- Red (45%)
- Green (0%)
- Blue (84%)



- Red (45%)
- Yellow (0%)
- Blue (84%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0800, 0.4420, 91.1460 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 59.0800, 0.4420, 91.1460 by changing the saturation by 10% instead.

■ 59.0800, 0.4420,
91.1460

■ 59.0800, 0.4420,
91.1460

■ 255.0000, -0.0000,
-0.0000

■ 46.5050, -8.7250,
75.5550

■ 127.1920, 2.4620,
76.5580

■ 32.6630, -21.5140,
59.5260

■ 152.5980, 12.6420,
68.2740

■ 14.9340, -42.0510,
40.7410

■ 178.8900, 23.1430,
59.6790

■ 11.8560, -33.3840,
32.3440

■ 200.4090, 25.5750,
48.6390

■ 10.7670, -26.1840,
23.0000

■ 217.4320, 17.6000,
33.4720


■ 9.2050, -19.0300,
14.4900


■ 234.4550, 9.6250,

■ 4.9360, -11.1430,

18.3050

9.2170


 251.4780, 1.6500,
3.1380


 0.5700, -1.6050,
1.5550

 0.0000, 0.0000,
0.0000

 59.0800, 0.4420,
91.1460

 74.3970, 0.6270,
82.2830

 90.3010, 0.5370,
72.8970

 105.3190, 0.1260,
63.8220

 121.2230, 0.0360,
54.4360

■ 136.5400, 0.2210,
45.5730

■ 151.8570, 0.4060,
36.7100

■ 167.7610, 0.3160,
27.3240

■ 182.7790, -0.0950,
18.2490

■ 198.6830, -0.1850,
8.8630

Harmonies

Analogous

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



80.1390, -105.7800, 33.8040



59.0800, 0.4420, 91.1460



75.9020, 76.7360, 85.1200

Triad

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



59.0800, 0.4420, 91.1460



76.2050, 68.0860, -0.4420



78.8370, -69.0450, -20.7330

Complementary

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



59.0800, 0.4420, 91.1460



154.9200, -0.4420, -91.1460

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.



66.0180, -37.0830, -49.3310



59.0800, 0.4420, 91.1460



73.1510, 14.3110, -33.6010

Square

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



59.0800, 0.4420, 91.1460



57.7070, 115.0280, 40.9160



61.0480, -28.6000, -54.3920



89.3590, -95.9170, 3.7230

Rectangle

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



59.0800, 0.4420, 91.1460



74.6010, 104.8440, 71.3080



61.0480, -28.6000, -54.3920



74.7160, -58.8190, -29.8510

Sweetspot

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



59.0800, 0.4420, 91.1460



199.9230, 0.0400, 32.3280



83.0960, -96.1940, 14.2540



94.7190, 0.1340, 19.6060



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.



59.0800, 0.4420, 91.1460



70.3320, 0.3930, 108.5610



87.5840, 61.0970, 109.7450



99.0480, 0.0450, 4.6930



47.3010, 0.5370, 72.8970



12.0780, 0.5010, 18.4610

Inverse Universe

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



75.1580, 96.0860, 75.8460



89.5830, 114.4230, 90.4470



126.4160, -61.0970, -109.7450



99.8590, 4.9510, 3.8870



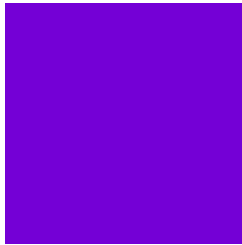
60.0210, 76.8780, 60.5100



15.1370, 19.2080, 15.3360

Previews

White Background



This preview shows how the YIQ color 59.0800, 0.4420, 91.1460 looks on a white background.

Color Contrast Check

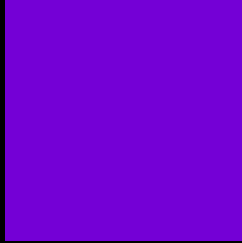
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.0800, 0.4420, 91.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

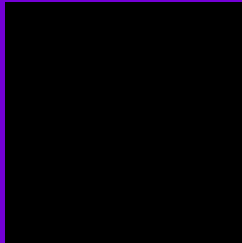
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.0800, 0.4420, 91.1460

Background



This preview shows how black text looks on a background with the YIQ color 59.0800, 0.4420, 91.1460.



This preview shows how white text looks on a background with the YIQ color 59.0800, 0.4420,

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

59.0800, 0.4420, 91.1460

Protanopia

67.7420, -77.7620, 10.6060

Deuteranopia

67.8270, -71.1120, 0.2160



Tritanopia

84.6950, -0.4590, 2.8130

Trichromacy



Original Color

59.0800, 0.4420, 91.1460

Protanomaly

64.4000, -49.2950, 39.8650

Deuteranomaly

64.3370, -44.9840, 33.3200

Tritanomaly

75.5040, -0.0980, 34.8300

Monochromacy



Original Color

59.0800, 0.4420, 91.1460

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.3360, 0.3150, 32.8510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0800, 0.4420, 91.1460 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(116, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 214)  
}
```

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(116, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 214) }
```

Border

The CSS property to change the border of an element to YIQ 59.0800, 0.4420, 91.1460 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(116, 0, 214) }
```


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

```
.border{ border-color:rgb(116, 0, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 0, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(116, 0,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0800, 0.4420, 91.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 214) }
```

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

```
.background{ background-color: rgb(116, 0,  
214) }
```

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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