

Converting Colors

YIQ(64.9400, 11.6790, 69.2070)

Have a look what the booklet for
YIQ(64.9400, 11.6790, 69.2070)
contains.

YIQ(64.9400, 11.6790, 69.2070)	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(64.9400, 11.6790,
69.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	7711AA
RGB	119, 17, 170
RGB Percent	47%, 7%, 67%
CMY	0.5330, 0.9335, 0.3334
CMYK	0.30, 0.90, 0.00, 0.33
HSL	280°, 82%, 37%
HSV	280°, 90%, 67%
XYZ	15.0733, 7.2292, 38.6220
YIQ	64.9400, 11.6790, 69.2070

Conversions

Conversions Part 2

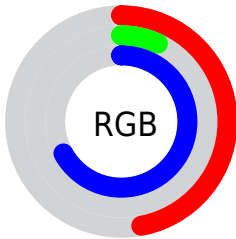
Format	Color
R _Y B	119, 17, 170
Decimal	7803306
CIE Lab	32.32, 62.35, -58.26
CIE LCh	32, 85.334, 316.943
Yxy	7.2292, 0.2474, 0.1187
Android (android.graphics.Color)	4285993386 (0xFF7711AA)
YUV	64.9400, 51.7946, 47.4106
Hunter-Lab	26.8872, 53.0171, -66.3459

Details

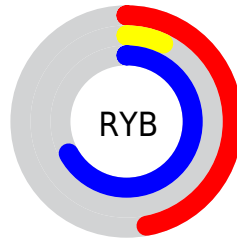
The YIQ color **64.9400, 11.6790, 69.2070** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **122.0600, -11.6790, -69.2070**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.3480, 10.3500, 65.7580**, and **31.8760, -0.6050, 49.5310** is the 20% darker color. If you saturate the color by 10%, you get **53.1670, 12.7780, 76.8260**, and if you desaturate by 10%, it is **76.7130, 10.5800, 61.5880**.

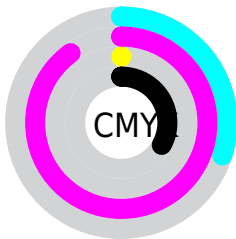
Distribution



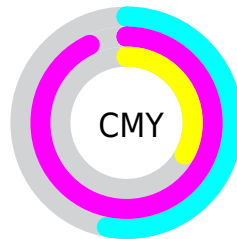
- Red (47%)
- Green (7%)
- Blue (67%)



- Red (47%)
- Yellow (7%)
- Blue (67%)



- Cyan (30%)
- Magenta (90%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (93%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.9400, 11.6790, 69.2070 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 64.9400, 11.6790, 69.2070 by changing the saturation by 10% instead.

64.9400, 11.6790,
69.2070

64.9400, 11.6790,
69.2070

255.0000, -0.0000,
-0.0000

43.5110, 8.3330,
63.7650

125.3480, 10.3500,
65.7580

31.8760, -0.6050,
49.5310

153.1740, 10.9000,
66.8040

20.5400, -8.9470,
35.5090

177.9930, 21.3550,
59.0430

7.6380, -21.5070,
20.8370

200.4090, 25.5750,
48.6390

6.6630, -14.6280,
11.8040

217.4320, 17.6000,
33.4720

3.0950, -7.3370,
6.3190

233.8680, 9.9000,

0.0000, 0.0000,

18.8280

0.0000

251.4780, 1.6500,
3.1380

64.9400, 11.6790,
69.2070

64.9400, 11.6790,
69.2070

53.1670, 12.7780,
76.8260

76.7130, 10.5800,
61.5880

88.1870, 8.8850,
53.7570

99.9600, 7.7860,
46.1380

111.7330, 6.6870,
38.5190

123.2070, 4.9920,
30.6880

■ 134.9800, 3.8930,
23.0690

■ 146.7530, 2.7940,
15.4500

■ 158.2270, 1.0990,
7.6190

■ 170.0000, -0.0000,
0.0000

Harmonies

Analogous

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



67.2640, -87.4390, 26.2970



64.9400, 11.6790, 69.2070



64.3380, 69.0360, 70.4760

Triad

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



64.9400, 11.6790, 69.2070



71.3770, 52.6820, -7.6220



71.6960, -64.0940, -16.8460

Complementary

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



64.9400, 11.6790, 69.2070



122.0600, -11.6790, -69.2070

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.



62.4280, -40.7530, -37.8810



64.9400, 11.6790, 69.2070



66.9380, 10.5970, -32.3710

Square

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



64.9400, 11.6790, 69.2070



48.1390, 95.9560, 34.1320



55.1780, -25.8500, -49.1620



78.6500, -83.6750, 2.1250

Rectangle

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



64.9400, 11.6790, 69.2070



62.6110, 89.7160, 59.1240



55.1780, -25.8500, -49.1620



69.0740, -56.7110, -23.9990

Sweetspot

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



64.9400, 11.6790, 69.2070



180.8000, 4.5800, 27.1400



64.3790, -63.1380, 20.9100



87.2800, 2.7480, 16.2840



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



64.9400, 11.6790, 69.2070



69.5600, 16.9460, 100.4180



77.2250, 50.4210, 71.9330



78.4070, 0.4120, 3.5480



46.4730, 11.4960, 67.0160



6.4660, 1.9240, 9.1880

Inverse Universe

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



68.5610, 74.8170, 48.2970



74.8140, 108.5580, 70.0780



109.6610, -50.1000, -72.2440



78.7340, 3.8050, 2.6290



49.8380, 72.4790, 46.6150



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 64.9400, 11.6790, 69.2070 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

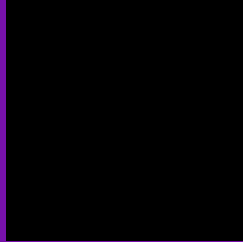
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.9400, 11.6790, 69.2070

Background



This preview shows how black text looks on a background with the YIQ color 64.9400, 11.6790, 69.2070.



This preview shows how white text looks on a background with the YIQ color 64.9400, 11.6790,

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

64.9400, 11.6790, 69.2070

Protanopia

62.0370, -71.3430, 9.9130

Deuteranopia

62.5780, -65.9770, 0.7670



Tritanopia

78.7360, 18.6590, 8.7630

Trichromacy



Original Color

64.9400, 11.6790, 69.2070

Protanomaly

63.0230, -41.2240, 31.2560

Deuteranomaly

63.3020, -37.8760, 25.6440

Tritanomaly

73.3670, 16.2250, 30.8570

Monochromacy



Original Color

64.9400, 11.6790, 69.2070

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.3330, 4.3970, 24.9490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.9400, 11.6790, 69.2070 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(119, 17, 170)` looks like.

```
.text, #text, p{  
    color:rgb(119, 17, 170)  
}
```

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(119, 17, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 17, 170) }
```

Border

The CSS property to change the border of an element to YIQ 64.9400, 11.6790, 69.2070 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(119, 17, 170) }
```


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

```
.border{ border-color:rgb(119, 17, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 17, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 17, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 17, 170);  
box-shadow:4px 4px 4px 4px rgb(119, 17,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 64.9400, 11.6790, 69.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 17, 170) }
```

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

```
.background{ background-color: rgb(119, 17,  
170) }
```

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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