

Converting Colors

YIQ(64.3890, 11.1320, 51.5800)

Have a look what the booklet for
YIQ(64.3890, 11.1320, 51.5800)
contains.

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Color

**YIQ(64.3890, 11.1320,
51.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1C8C
RGB	107, 28, 140
RGB Percent	42%, 11%, 55%
CMY	0.5801, 0.8903, 0.4510
CMYK	0.24, 0.80, 0.00, 0.45
HSL	282°, 67%, 33%
HSV	282°, 80%, 55%
XYZ	11.2186, 5.8520, 25.3450
YIQ	64.3890, 11.1320, 51.5800

Conversions

Conversions Part 2

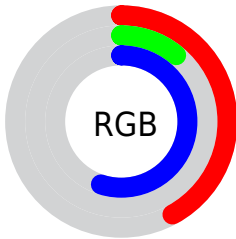
Format	Color
R_{YB}	107, 28, 140
Decimal	7019660
CIE _{Lab}	29.04, 51.15, -45.38
CIE _{LCh}	29, 68.376, 318.418
Yxy	5.8520, 0.2645, 0.1380
Android (android.graphics.Color)	4285209740 (0xFF6B1C8C)
YUV	64.3890, 37.2762, 37.3698
Hunter-Lab	24.1908, 40.4463, -45.1853

Details

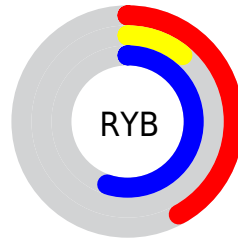
The YIQ color **64.3890, 11.1320, 51.5800** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **103.6110, -11.1320, -51.5800**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.6880, 11.7280, 51.7920**, and **26.2920, 3.6150, 39.1270** is the 20% darker color. If you saturate the color by 10%, you get **54.9750, 12.5980, 58.0540**, and if you desaturate by 10%, it is **73.8030, 9.6660, 45.1060**.

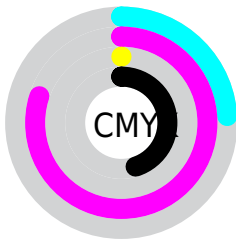
Distribution



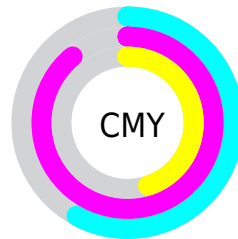
- Red (42%)
- Green (11%)
- Blue (55%)



- Red (42%)
- Yellow (11%)
- Blue (55%)



- Cyan (24%)
- Magenta (80%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (89%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.3890, 11.1320, 51.5800 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 64.3890, 11.1320, 51.5800 by changing the saturation by 10% instead.

64.3890, 11.1320,
51.5800

64.3890, 11.1320,
51.5800

255.0000, -0.0000,
-0.0000

36.9160, 11.0860,
52.4140

118.6880, 11.7280,
51.7920

26.2920, 3.6150,
39.1270

145.6280, 11.9570,
53.1490

16.6790, -2.3890,
26.7870

173.3400, 12.8280,
53.8840

4.7880, -13.4820,
13.0620

198.6150, 21.9990,
47.3670


2.8670, -6.6950,
5.6970


216.8450, 17.8750,
33.9950


0.0000, 0.0000,
0.0000


233.8680, 9.9000,

18.8280


 250.8910, 1.9250,
3.6610


 64.3890, 11.1320,
51.5800


 64.3890, 11.1320,
51.5800

 54.9750, 12.5980,
58.0540

 73.8030, 9.6660,
45.1060

 45.5610, 14.0640,
64.5280

 83.2170, 8.2000,
38.6320

 92.6310, 6.7340,
32.1580

 102.3440, 5.8640,
25.8960

 111.7580, 4.3980,
19.4220

■ 121.1720, 2.9320,
12.9480

■ 130.5860, 1.4660,
6.4740

■ 140.0000, 0.0000,
0.0000

■ 149.4140, -1.4660,
-6.4740

Harmonies

Analogous

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



57.6490, -72.7660, 19.1860



64.3890, 11.1320, 51.5800



54.6260, 58.9970, 59.6770

Triad

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



64.3890, 11.1320, 51.5800



64.8320, 43.9710, -9.4450



63.7570, -56.8960, -15.1360

Complementary

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



64.3890, 11.1320, 51.5800



103.6110, -11.1320, -51.5800

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.



56.1990, -38.3700, -31.5060



64.3890, 11.1320, 51.5800



60.7580, 11.2840, -28.3000

Square

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



64.3890, 11.1320, 51.5800



54.4640, 75.3270, 17.0150



49.3080, -23.1000, -43.9320



68.5280, -71.7080, 0.0040

Rectangle

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



64.3890, 11.1320, 51.5800



53.0280, 75.0000, 50.4880



49.3080, -23.1000, -43.9320



61.1180, -50.8430, -20.2110

Sweetspot

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



64.3890, 11.1320, 51.5800



151.8720, 4.0770, 19.7330



60.7260, -45.3020, 17.0500



73.7590, 2.6570, 12.4250



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



64.3890, 11.1320, 51.5800



63.6130, 17.4540, 80.1900



71.7480, 37.8620, 51.7340



64.2930, 0.7330, 3.2370



43.2680, 13.3310, 61.2910



1.7660, 0.7790, 2.4030

Inverse Universe

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



65.2500, 56.1590, 34.0070



64.8400, 87.3330, 52.7490



96.2520, -37.8620, -51.7340



64.3210, 3.5300, 2.1060



44.2130, 66.7490, 40.3250



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 64.3890, 11.1320, 51.5800 looks on a white background.

Color Contrast Check

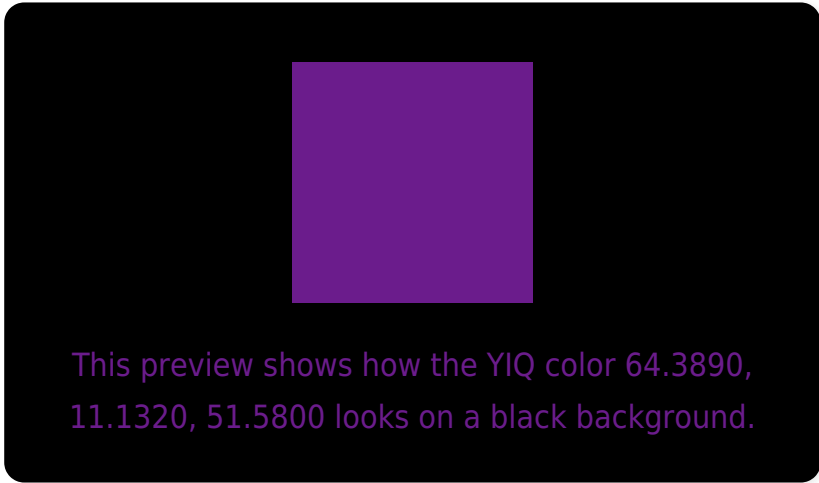
Large Text (above 18pt) WCAG AA ✓ Pass

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

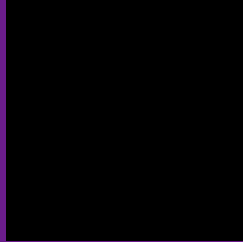
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.3890, 11.1320, 51.5800

Background



This preview shows how black text looks on a background with the YIQ color 64.3890, 11.1320, 51.5800.



This preview shows how white text looks on a background with the YIQ color 64.3890, 11.1320,

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

64.3890, 11.1320, 51.5800

Protanopia

55.5170, -64.0070, 9.1210

Deuteranopia

55.9270, -59.6500, 1.7420



Tritanopia

70.3340, 19.8510, 9.1870

Trichromacy



Original Color

64.3890, 11.1320, 51.5800

Protanomaly

58.8460, -36.5920, 24.4000

Deuteranomaly

58.7660, -33.6110, 19.9330

Tritanomaly

68.2650, 16.2720, 24.4960

Monochromacy



Original Color

64.3890, 11.1320, 51.5800

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.3450, 4.1230, 18.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3890, 11.1320, 51.5800 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(107, 28, 140)` looks like.

```
.text, #text, p{  
    color:rgb(107, 28, 140)  
}
```

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(107, 28, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 28, 140) }
```

Border

The CSS property to change the border of an element to YIQ 64.3890, 11.1320, 51.5800 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(107, 28, 140) }
```


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

```
.border{ border-color:rgb(107, 28, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 28, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 28, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 28, 140);  
box-shadow:4px 4px 4px 4px rgb(107, 28,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 64.3890, 11.1320, 51.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 28, 140) }
```

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

```
.background{ background-color: rgb(107, 28,  
140) }
```

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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