

Converting Colors

YIQ(59.5790, 12.5120, 26.5600)

Have a look what the booklet for
YIQ(59.5790, 12.5120, 26.5600)
contains.

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Color

**YIQ(59.5790, 12.5120,
26.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	58275B
RGB	88, 39, 91
RGB Percent	35%, 15%, 36%
CMY	0.6548, 0.8471, 0.6431
CMYK	0.03, 0.57, 0.00, 0.64
HSL	297°, 40%, 25%
HSV	297°, 57%, 36%
XYZ	6.6414, 4.2816, 10.3745
YIQ	59.5790, 12.5120, 26.5600

Conversions

Conversions Part 2

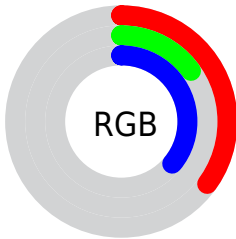
Format	Color
RYB	88, 39, 91
Decimal	5777243
CIELab	24.58, 31.02, -21.38
CIElCh	25, 37.675, 325.425
Yxy	4.2816, 0.3118, 0.2010
Android (android.graphics.Color)	4283967323 (0xFF58275B)
YUV	59.5790, 15.4906, 24.9252
Hunter-Lab	20.6921, 21.0806, -15.2420

Details

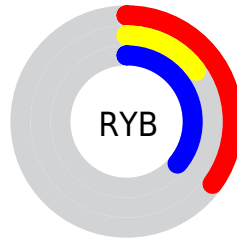
The YIQ color **59.5790, 12.5120, 26.5600** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.4210, -12.5120, -26.5600**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **108.7040, 13.6580, 27.8180**, and **17.3890, 9.9910, 22.6870** is the 20% darker color. If you saturate the color by 10%, you get **54.2960, 14.9870, 31.2670**, and if you desaturate by 10%, it is **65.1610, 10.6330, 22.0650**.

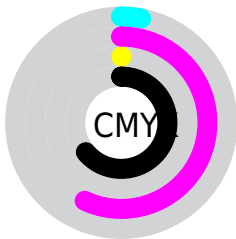
Distribution



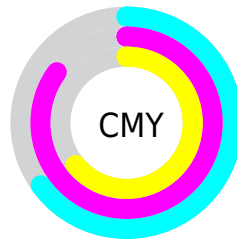
- Red (35%)
- Green (15%)
- Blue (36%)



- Red (35%)
- Yellow (15%)
- Blue (36%)



- Cyan (3%)
- Magenta (57%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.5790, 12.5120, 26.5600 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 59.5790, 12.5120, 26.5600 by changing the saturation by 10% instead.

■ 59.5790, 12.5120,
26.5600

■ 59.5790, 12.5120,
26.5600

■ 255.0000, -0.0000,
-0.0000

■ 35.5790, 12.5120,
26.5600

■ 109.0030, 14.2540,
28.0300

■ 17.3890, 9.9910,
22.6870

■ 134.5300, 14.2080,
28.8640

■ 4.5300, -4.1280,
8.7360

■ 161.2420, 15.0790,
29.5990

■ 0.0000, 0.0000,
0.0000

■ 188.0680, 15.6290,
30.6450

■ 216.4810, 15.9040,
31.1680

■ 234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

59.5790, 12.5120,
26.5600

59.5790, 12.5120,
26.5600

54.2960, 14.9870,
31.2670

65.1610, 10.6330,
22.0650

48.7140, 16.8660,
35.7620

70.4440, 8.1580,
17.3580

43.1320, 18.7450,
40.2570

76.0260, 6.2790,
12.8630

37.8490, 21.2200,
44.9640

81.3090, 3.8040,
8.1560

36.0880, 22.0450,
46.5330

86.8910, 1.9250,
3.6610

■ 92.7610, -0.8250,
-1.5690

■ 98.3430, -2.7040,
-6.0640

■ 103.6260, -5.1790,
-10.7710

■ 109.2080, -7.0580,
-15.2660

Harmonies

Analogous

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



58.0030, -21.2770, 16.6670



59.5790, 12.5120, 26.5600



55.4260, 34.9320, 27.7320

Triad

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



59.5790, 12.5120, 26.5600



55.2970, 29.3000, -13.3880



51.0250, -45.8470, -11.6310

Complementary

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



59.5790, 12.5120, 26.5600



70.4210, -12.5120, -26.5600

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.



47.7190, -36.5380, -20.6500



59.5790, 12.5120, 26.5600



51.9200, 11.0080, -23.2960

Square

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



59.5790, 12.5120, 26.5600



55.5580, 42.2270, 0.1390



43.2390, -26.6790, -28.6230



52.4730, -52.6800, -3.4320

Rectangle

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



59.5790, 12.5120, 26.5600



54.7440, 42.5440, 21.9360



43.2390, -26.6790, -28.6230



49.9990, -42.9580, -14.4300

Sweetspot

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



59.5790, 12.5120, 26.5600



104.9610, 4.9040, 10.2480



46.6890, -17.5170, 14.6030



51.6570, 2.7040, 6.0640



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



59.5790, 12.5120, 26.5600



68.2570, 19.8910, 41.5150



57.8540, 21.6830, 20.0430



43.0650, 1.3750, 2.6150



43.3370, 26.0780, 56.0460



93.9940, 57.4270, 121.1950

Inverse Universe

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



54.8900, 30.0290, 11.9570



60.7890, 46.6710, 18.7270



72.1460, -21.6830, -20.0430



42.6090, 2.6590, 1.3710



33.5740, 63.6340, 25.1860



72.4590, 136.7580, 54.5980

Previews

White Background



This preview shows how the YIQ color 59.5790, 12.5120, 26.5600 looks on a white background.

Color Contrast Check

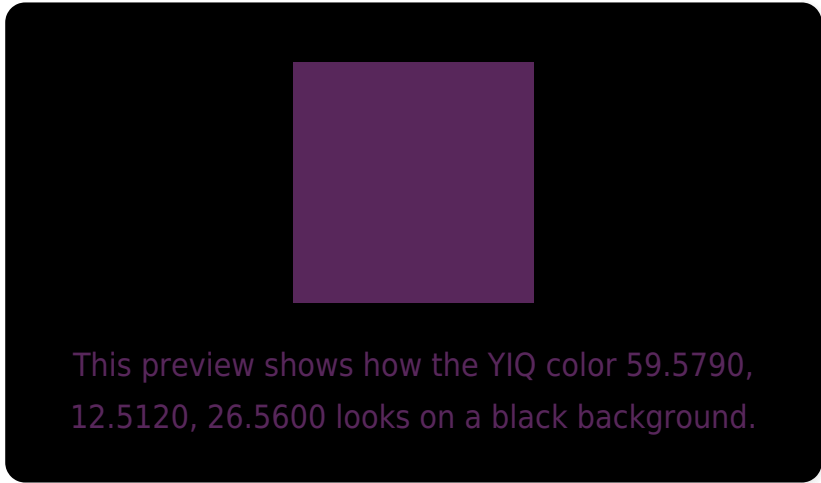
Large Text (above 18pt) WCAG AA ✓ Pass

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

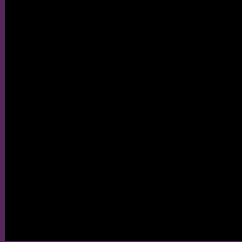
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.5790, 12.5120, 26.5600

Background



This preview shows how black text looks on a background with the YIQ color 59.5790, 12.5120, 26.5600.



This preview shows how white text looks on a background with the YIQ color 59.5790, 12.5120,

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

59.5790, 12.5120, 26.5600

Protanopia

56.5240, -30.3540, 10.4620

Deuteranopia

58.7180, -16.4610, 6.4750



Tritanopia

59.6220, 18.9800, 8.4520

Trichromacy



Original Color

59.5790, 12.5120, 26.5600

Protanomaly

57.7110, -14.5830, 16.4970

Deuteranomaly

59.2080, -5.9170, 13.6270

Tritanomaly

59.4680, 16.7780, 15.3220

Monochromacy



Original Color

59.5790, 12.5120, 26.5600

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.5480, 4.6290, 9.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.5790, 12.5120, 26.5600 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(88, 39, 91)` looks like.

```
.text, #text, p{  
    color:rgb(88, 39, 91)  
}
```

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(88, 39, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 39, 91) }
```

Border

The CSS property to change the border of an element to YIQ 59.5790, 12.5120, 26.5600 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(88, 39, 91) }
```


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

```
.border{ border-color:rgb(88, 39, 91) }
```

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

Here you see how a box with a 4 pixel rgb(88, 39, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 39, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 39, 91);  
box-shadow:4px 4px 4px 4px rgb(88, 39, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.5790, 12.5120, 26.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 39, 91) }
```

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

```
.background{ background-color: rgb(88, 39,  
91) }
```

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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