

Converting Colors

YIQ(75.6930, 12.1910, 26.8710)

Have a look what the booklet for
YIQ(75.6930, 12.1910, 26.8710)
contains.

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Color

**YIQ(75.6930, 12.1910,
26.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	68376C
RGB	104, 55, 108
RGB Percent	41%, 22%, 42%
CMY	0.5920, 0.7844, 0.5765
CMYK	0.04, 0.49, 0.00, 0.58
HSL	296°, 33%, 32%
HSV	296°, 49%, 42%
XYZ	9.7854, 6.7585, 14.9767
YIQ	75.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

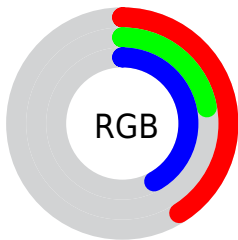
Format	Color
R_{YB}	104, 55, 108
Decimal	6829932
CIE _{Lab}	31.25, 30.68, -21.77
CIE _{LCh}	31, 37.617, 324.633
Yxy	6.7585, 0.3104, 0.2144
Android (android.graphics.Color)	4285020012 (0xFF68376C)
YUV	75.6930, 15.9274, 24.8252
Hunter-Lab	25.9972, 21.6931, -15.9583

Details

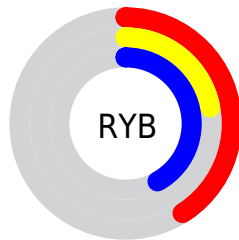
The YIQ color **75.6930, 12.1910, 26.8710** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.3070, -12.1910, -26.8710**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.9320, 13.0160, 28.4400**, and **27.3940, 11.5950, 26.6590** is the 20% darker color. If you saturate the color by 10%, you get **68.9370, 14.6200, 32.4120**, and if you desaturate by 10%, it is **82.4490, 9.7620, 21.3300**.

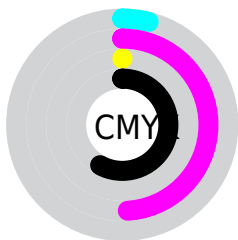
Distribution



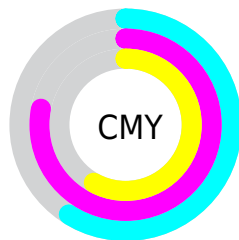
- Red (41%)
- Green (22%)
- Blue (42%)



- Red (41%)
- Yellow (22%)
- Blue (42%)



- Cyan (4%)
- Magenta (49%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.6930, 12.1910, 26.8710 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 75.6930, 12.1910, 26.8710 by changing the saturation by 10% instead.

■ 75.6930, 12.1910,
26.8710

■ 75.6930, 12.1910,
26.8710

■ 255.0000, -0.0000,
-0.0000

■ 51.9810, 11.3200,
26.1360

■ 125.9320, 13.0160,
28.4400

■ 27.3940, 11.5950,
26.6590

■ 152.0570, 14.1620,
29.6980

■ 14.9110, 8.3410,
19.5490

■ 179.4700, 14.4370,
30.2210

■ 2.2970, -5.0900,
4.1420

■ 207.1820, 15.3080,
30.9560

■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.1000,
23.0120

■ 245.6080, 4.4000,

■ 75.6930, 12.1910,
26.8710

■ 75.6930, 12.1910,
26.8710

■ 68.9370, 14.6200,
32.4120

■ 82.4490, 9.7620,
21.3300

■ 62.1810, 17.0490,
37.9530

■ 89.2050, 7.3330,
15.7890

■ 56.3110, 19.7990,
43.1830

■ 95.0750, 4.5830,
10.5590

■ 49.5550, 22.2280,
48.7240

■ 101.8310, 2.1540,
5.0180

■ 42.7990, 24.6570,
54.2650

■ 108.5870, -0.2750,
-0.5230

■ 42.2120, 24.9320,
54.7880

■ 115.3430, -2.7040,
-6.0640

■ 122.0990, -5.1330,
-11.6050

■ 127.9690, -7.8830,
-16.8350

■ 134.7250,
-10.3120, -22.3760

Harmonies

Analogous

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



73.5300, -21.3230, 17.5010



75.6930, 12.1910, 26.8710



73.1980, 35.5740, 27.1100

Triad

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



75.6930, 12.1910, 26.8710



69.6950, 33.9310, -14.7170



62.1270, -55.0620, -15.3340

Complementary

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



75.6930, 12.1910, 26.8710



87.3070, -12.1910, -26.8710

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.



58.7070, -45.4320, -24.6640



75.6930, 12.1910, 26.8710



67.4040, 12.5210, -23.1830

Square

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



75.6930, 12.1910, 26.8710



71.5690, 43.6940, 1.0860



61.4030, -21.2690, -27.5490



63.6890, -62.2160, -6.8240

Rectangle

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



75.6930, 12.1910, 26.8710



71.8150, 43.7820, 21.5260



61.4030, -21.2690, -27.5490



61.6880, -52.4480, -18.6560

Sweetspot

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



75.6930, 12.1910, 26.8710



127.3740, 5.1790, 10.7710



63.3900, -18.1130, 14.3910



63.6570, 2.7040, 6.0640



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



75.6930, 12.1910, 26.8710



90.0720, 18.9740, 41.6140



74.3810, 21.6370, 20.8770



50.1790, 1.0540, 2.9260



45.9290, 27.4070, 59.4950



95.8030, 56.6470, 124.3190

Inverse Universe

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



71.3030, 30.3040, 12.4800



83.2020, 46.9460, 19.2500



88.6190, -21.6370, -20.8770



49.9080, 3.2550, 1.5830



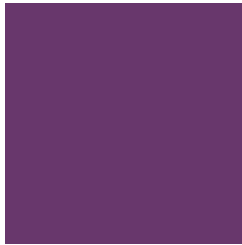
36.0090, 66.8430, 27.6030



75.3070, 140.2420, 57.5380

Previews

White Background



This preview shows how the YIQ color 75.6930, 12.1910, 26.8710 looks on a white background.

Color Contrast Check

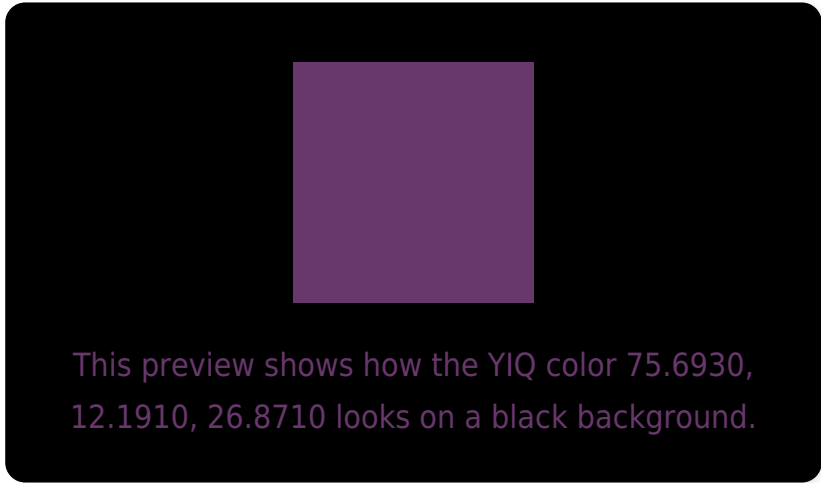
Large Text (above 18pt) WCAG AA ✓ Pass

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

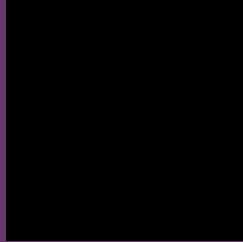
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.6930, 12.1910, 26.8710

Background



This preview shows how black text looks on a background with the YIQ color 75.6930, 12.1910, 26.8710.



This preview shows how white text looks on a background with the YIQ color 75.6930, 12.1910,

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

75.6930, 12.1910, 26.8710

Protanopia

72.1330, -27.6950, 11.8330

Deuteranopia

73.6580, -16.2320, 7.8320



Tritanopia

75.0350, 19.2550, 8.9750

Trichromacy



Original Color

75.6930, 12.1910, 26.8710

Protanomaly

73.7220, -13.1160, 17.4440

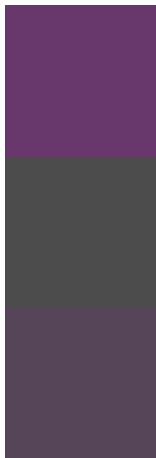
Deuteranomaly

74.1480, -5.6880, 14.9840

Tritanomaly

75.4680, 16.7780, 15.3220

Monochromacy



Original Color

75.6930, 12.1910, 26.8710

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.6620, 4.3080, 10.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.6930, 12.1910, 26.8710 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(104, 55, 108)` looks like.

```
.text, #text, p{  
    color:rgb(104, 55, 108)  
}
```

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(104, 55, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 55, 108) }
```

Border

The CSS property to change the border of an element to YIQ 75.6930, 12.1910, 26.8710 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(104, 55, 108) }
```


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

```
.border{ border-color:rgb(104, 55, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 55, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 55, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 55, 108);  
box-shadow:4px 4px 4px 4px rgb(104, 55,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 75.6930, 12.1910, 26.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 55, 108) }
```

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

```
.background{ background-color: rgb(104, 55,  
108) }
```

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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