

Converting Colors

YIQ(58.6950, 8.7090, 12.8770)

Have a look what the booklet for
YIQ(58.6950, 8.7090, 12.8770)
contains.

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Color

**YIQ(58.6950, 8.7090,
12.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3047
RGB	75, 48, 71
RGB Percent	29%, 19%, 28%
CMY	0.7058, 0.8118, 0.7216
CMYK	0.00, 0.36, 0.05, 0.71
HSL	309°, 22%, 24%
HSV	309°, 36%, 29%
XYZ	5.0972, 4.0646, 6.4779
YIQ	58.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

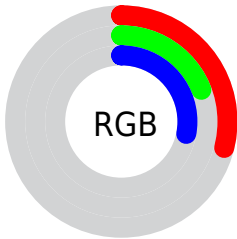
Format	Color
RYB	75, 48, 71
Decimal	4927559
CIELab	23.88, 16.64, -9.31
CIElCh	24, 19.067, 330.770
Yxy	4.0646, 0.3259, 0.2599
Android (android.graphics.Color)	4283117639 (0xFF4B3047)
YUV	58.6950, 6.0664, 14.2995
Hunter-Lab	20.1609, 9.8475, -4.9377

Details

The YIQ color **58.6950, 8.7090, 12.8770** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.3050, -8.7090, -12.8770**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.4070, 9.5800, 13.6120**, and **13.9340, 9.5340, 14.4460** is the 20% darker color. If you saturate the color by 10%, you get **53.8850, 11.2300, 16.7500**, and if you desaturate by 10%, it is **62.9180, 6.4630, 9.5270**.

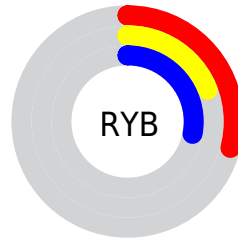
Distribution



Red (29%)

Green (19%)

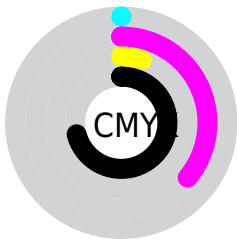
Blue (28%)



Red (29%)

Yellow (19%)

Blue (28%)

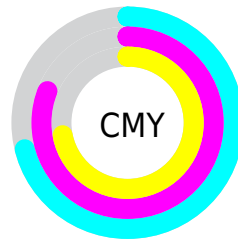


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.6950, 8.7090, 12.8770 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 58.6950, 8.7090, 12.8770 by changing the saturation by 10% instead.

■ 58.6950, 8.7090,
12.8770

■ 58.6950, 8.7090,
12.8770

■ 255.0000, -0.0000,
-0.0000

■ 36.9830, 7.8380,
12.1420

■ 106.4070, 9.5800,
13.6120

■ 13.9340, 9.5340,
14.4460

■ 131.2330, 10.1300,
14.6580

■ 0.0000, 0.0000,
0.0000

■ 157.6460, 10.4050,
15.1810

■ 184.9450, 11.0010,
15.3930

■ 212.3580, 11.2760,
15.9160

■ 238.5640, 7.7000,

14.6440

■ 58.6950, 8.7090,
12.8770

■ 58.6950, 8.7090,
12.8770

■ 53.8850, 11.2300,
16.7500

■ 62.9180, 6.4630,
9.5270

■ 49.6620, 13.4760,
20.1000

■ 67.7280, 3.9420,
5.6540

■ 44.8520, 15.9970,
23.9730

■ 71.9510, 1.6960,
2.3040

■ 40.6290, 18.2430,
27.3230

■ 76.7610, -0.8250,
-1.5690

■ 35.7050, 21.0850,
30.8850

■ 81.6850, -3.6670,
-5.1310

■ 31.4820, 23.3310,
34.2350

■ 85.9080, -5.9130,
-8.4810

■ 29.7210, 24.1560,
35.8040

■ 90.7180, -8.4340,
-12.3540

■ 94.9410, -10.6800,
-15.7040

■ 99.7510, -13.2010,
-19.5770

Harmonies

Analogous

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



57.9860, -5.4120, 9.9800



58.6950, 8.7090, 12.8770



57.7300, 18.7960, 11.7880

Triad

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



58.6950, 8.7090, 12.8770



55.7980, 14.9480, -6.5880



45.6620, -40.3910, -11.3910

Complementary

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



58.6950, 8.7090, 12.8770



64.3050, -8.7090, -12.8770

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.



47.3550, -29.3410, -13.4130



58.6950, 8.7090, 12.8770



54.1170, 3.6240, -10.6160

Square

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



58.6950, 8.7090, 12.8770



56.6080, 21.5950, -0.3970



51.6360, -11.1390, -12.8910



46.8240, -40.6670, -6.3870

Rectangle

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



58.6950, 8.7090, 12.8770



57.4760, 22.3270, 8.3670



51.6360, -11.1390, -12.8910



45.0920, -38.7860, -12.9460

Sweetspot

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



58.6950, 8.7090, 12.8770



90.3150, 3.6670, 5.1310



52.2740, -6.2830, 9.2450



44.4780, 1.6500, 3.1380



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



58.6950, 8.7090, 12.8770



71.6620, 13.4760, 20.1000



57.2130, 12.8820, 8.8340



35.6520, 1.1000, 2.0920



40.4160, 32.8650, 48.6810



91.0000, 74.4850, 109.4050

Inverse Universe

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



58.6950, 8.7090, 12.8770



71.6620, 13.4760, 20.1000



65.7870, -12.8820, -8.8340



35.6520, 1.1000, 2.0920



40.4160, 32.8650, 48.6810



91.0000, 74.4850, 109.4050

Previews

White Background



This preview shows how the YIQ color 58.6950, 8.7090, 12.8770 looks on a white background.

Color Contrast Check

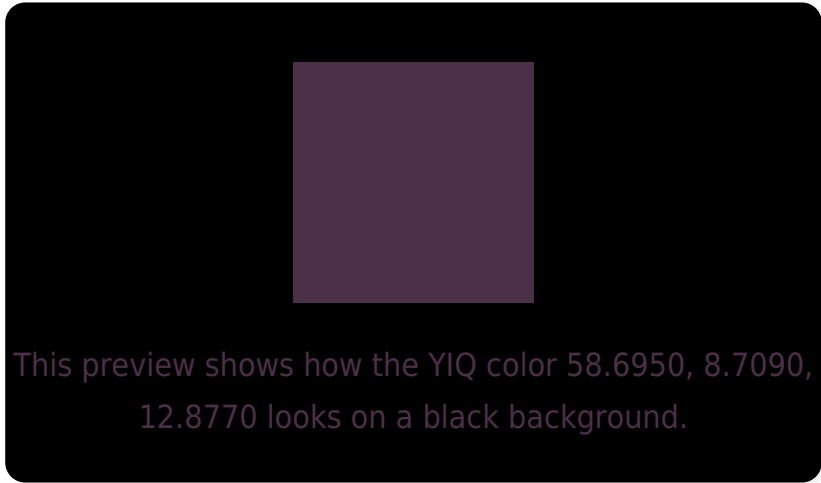
Large Text (above 18pt) WCAG AA ✓ Pass

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

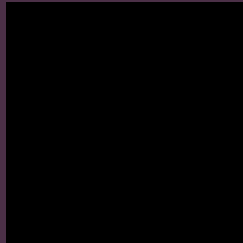
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.6950, 8.7090, 12.8770

Background



This preview shows how black text looks on a background with the YIQ color 58.6950, 8.7090, 12.8770.



This preview shows how white text looks on a background with the YIQ color 58.6950, 8.7090,

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

58.6950, 8.7090, 12.8770

Protanopia

56.8990, -9.7210, 5.4710

Deuteranopia

57.8950, -3.8980, 4.5660



Tritanopia

58.0340, 11.8280, 5.9080

Trichromacy



Original Color

58.6950, 8.7090, 12.8770

Protanomaly

57.6010, -2.8900, 8.3260

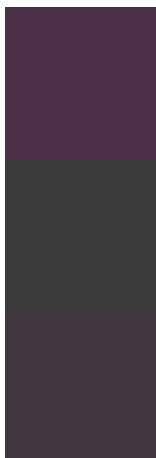
Deuteranomaly

58.2270, 1.0990, 7.6190

Tritanomaly

58.4300, 10.7730, 8.5090

Monochromacy



Original Color

58.6950, 8.7090, 12.8770

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.6950, 8.7090, 12.8770 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(75, 48, 71)` looks like.

```
.text, #text, p{  
    color:rgb(75, 48, 71)  
}
```

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(75, 48, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 48, 71) }
```

Border

The CSS property to change the border of an element to YIQ 58.6950, 8.7090, 12.8770 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(75, 48, 71) }
```


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

```
.border{ border-color:rgb(75, 48, 71) }
```

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

Here you see how a box with a 4 pixel rgb(75, 48, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 48, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 48, 71);  
box-shadow:4px 4px 4px 4px rgb(75, 48, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.6950, 8.7090, 12.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 48, 71) }
```

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

```
.background{ background-color: rgb(75, 48,  
71) }
```

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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