

Converting Colors

YIQ(69.5900, 4.8110, 17.4430)

Have a look what the booklet for
YIQ(69.5900, 4.8110, 17.4430)
contains.

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Color

**YIQ(69.5900, 4.8110,
17.4430)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 55395E |
| RGB | 85, 57, 94 |
| RGB Percent | 33%, 22%, 37% |
| CMY | 0.6666, 0.7765, 0.6314 |
| CMYK | 0.10, 0.39, 0.00, 0.63 |
| HSL | 285°, 25%, 30% |
| HSV | 285°, 39%, 37% |
| XYZ | 7.2312, 5.6656, 11.3015 |
| YIQ | 69.5900, 4.8110, 17.4430 |

Conversions

Conversions Part 2

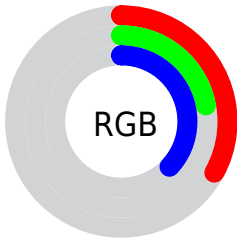
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 85, 57, 94 |
| Decimal | 5585246 |
| CIELab | 28.55, 19.83, -17.18 |
| CIELCh | 29, 26.234, 319.099 |
| Yxy | 5.6656, 0.2988, 0.2341 |
| Android (android.graphics.Color) | 4283775326 (0xFF55395E) |
| YUV | 69.5900, 12.0341, 13.5146 |
| Hunter-Lab | 23.8025, 12.5741, -11.4895 |




Details

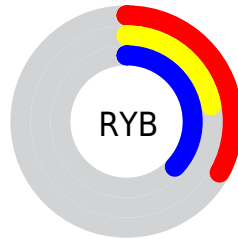
The YIQ color **69.5900, 4.8110, 17.4430** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.4100, -4.8110, -17.4430**, and the grayscale version is **69.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **118.5300, 5.0400, 18.8000**, and **25.3510, 3.9860, 15.8740** is the 20% darker color. If you saturate the color by 10%, you get **63.7090, 6.0940, 21.7260**, and if you desaturate by 10%, it is **75.4710, 3.5280, 13.1600**.

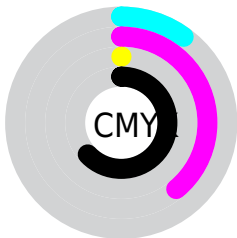
Distribution







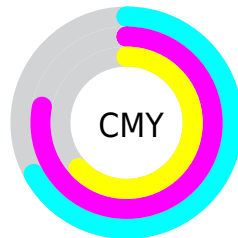
-  Red (33%)
-  Green (22%)
-  Blue (37%)






-  Red (33%)
-  Yellow (22%)
-  Blue (37%)



-  Cyan (10%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (67%)
-  Magenta (78%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.5900, 4.8110, 17.4430 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 69.5900, 4.8110, 17.4430 by changing the saturation by 10% instead.

69.5900, 4.8110,
17.4430

69.5900, 4.8110,
17.4430

255.0000, -0.0000,
-0.0000

46.7640, 4.2610,
16.3970

118.5300, 5.0400,
18.8000

25.3510, 3.9860,
15.8740

144.2420, 5.9110,
19.5350

8.1610, 1.4650,
12.0010

170.6550, 6.1860,
20.0580

0.0000, 0.0000,
0.0000

198.1820, 6.1400,
20.8920

226.4810, 6.7360,
21.1040

245.6080, 4.4000,

8.3680

■ 69.5900, 4.8110,
17.4430

■ 69.5900, 4.8110,
17.4430

■ 63.7090, 6.0940,
21.7260

■ 75.4710, 3.5280,
13.1600

■ 56.9420, 7.0560,
26.3200

■ 82.2380, 2.5660,
8.5660

■ 51.0610, 8.3390,
30.6030

■ 88.1190, 1.2830,
4.2830

■ 44.5930, 9.8970,
35.4090

■ 94.5870, -0.2750,
-0.5230

■ 38.7120, 11.1800,
39.6920

■ 100.4680, -1.5580,
-4.8060

■ 32.5320, 11.8670,
43.7630

■ 106.6480, -2.2450,
-8.8770

■ 31.9450, 12.1420,
44.2860

■ 113.1160, -3.8030,
-13.6830

■ 118.9970, -5.0860,
-17.9660

■ 125.7640, -6.0480,
-22.5600

Harmonies

Analogous

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



67.2820, -17.9290, 11.0550



69.5900, 4.8110, 17.4430



68.8000, 21.7750, 18.3750

Triad

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



69.5900, 4.8110, 17.4430



66.3600, 24.9890, -6.8430



54.9060, -47.1300, -15.9140

Complementary

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



69.5900, 4.8110, 17.4430



81.4100, -4.8110, -17.4430

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.



52.8220, -38.3260, -21.2860



69.5900, 4.8110, 17.4430



64.3150, 11.6940, -13.6980

Square

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



69.5900, 4.8110, 17.4430



66.8050, 31.4060, 3.5180



61.4420, -7.8370, -17.6690



55.6700, -52.0370, -9.5810

Rectangle

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



69.5900, 4.8110, 17.4430



67.8130, 28.9280, 15.3920



61.4420, -7.8370, -17.6690



54.1080, -44.8830, -18.0910

Sweetspot

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



69.5900, 4.8110, 17.4430



112.8850, 2.0620, 6.6860



66.5010, -14.3520, 6.8000



55.7060, 1.0080, 3.7600



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



69.5900, 4.8110, 17.4430



84.3550, 7.3310, 26.8430



71.2550, 13.0640, 16.5520



42.7660, 0.7790, 2.4030



37.3570, 14.1580, 51.8060



80.8380, 31.2030, 111.8670

Inverse Universe

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



69.0890, 19.1630, 10.6430



83.6390, 29.4780, 16.4380



79.7450, -13.0640, -16.5520



42.6090, 2.6590, 1.3710



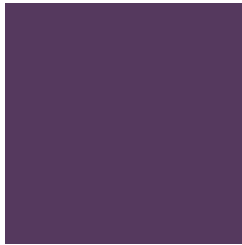
35.9680, 56.8930, 31.7170



77.4750, 122.6340, 68.2820

Previews

White Background



This preview shows how the YIQ color 69.5900, 4.8110, 17.4430 looks on a white background.

Color Contrast Check

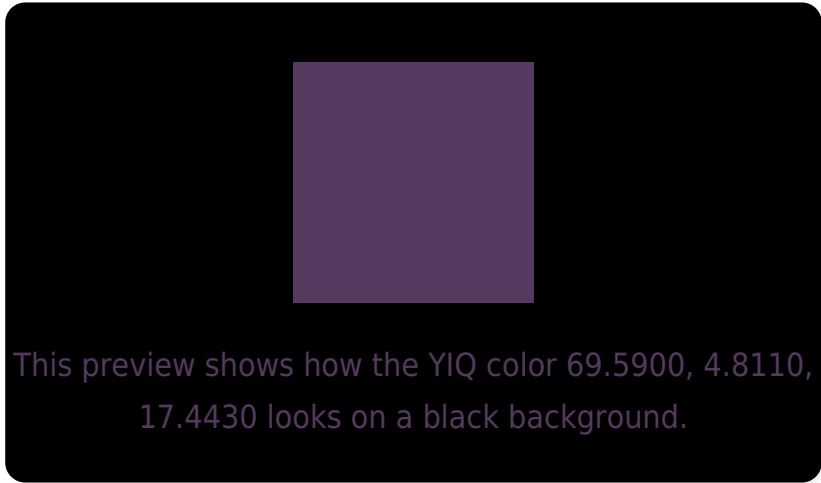
Large Text (above 18pt) WCAG AA ✓ Pass

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

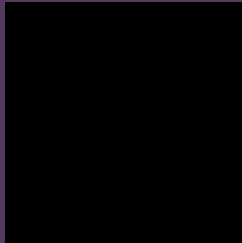
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.5900, 4.8110, 17.4430

Background



This preview shows how black text looks on a background with the YIQ color 69.5900, 4.8110, 17.4430.



This preview shows how white text looks on a background with the YIQ color 69.5900, 4.8110,

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

69.5900, 4.8110, 17.4430

Protanopia

66.8150, -18.1120, 8.8640

Deuteranopia

67.7570, -12.1970, 6.2910



Tritanopia

68.8380, 9.4440, 5.0600

Trichromacy



Original Color

69.5900, 4.8110, 17.4430

Protanomaly

68.0010, -9.7680, 11.8320

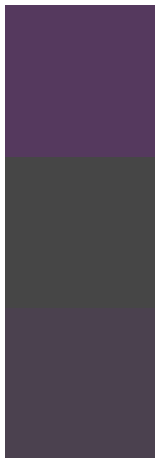
Deuteranomaly

68.2140, -6.0540, 10.6020

Tritanomaly

69.1030, 7.3800, 9.4280

Monochromacy



Original Color

69.5900, 4.8110, 17.4430

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.5860, 1.4660, 6.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.5900, 4.8110, 17.4430 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(85, 57, 94)` looks like.

```
.text, #text, p{  
    color:rgb(85, 57, 94)  
}
```

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(85, 57, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 57, 94) }
```

Border

The CSS property to change the border of an element to YIQ 69.5900, 4.8110, 17.4430 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(85, 57, 94) }
```


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

```
.border{ border-color:rgb(85, 57, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 57, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 57, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 57, 94);  
box-shadow:4px 4px 4px 4px rgb(85, 57, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.5900, 4.8110, 17.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 57, 94) }
```

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

```
.background{ background-color: rgb(85, 57,  
94) }
```

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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