

Converting Colors

YIQ(59.8890, 5.4070, 17.6550)

Have a look what the booklet for
YIQ(59.8890, 5.4070, 17.6550)
contains.

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Color

**YIQ(59.8890, 5.4070,
17.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	4C2F54
RGB	76, 47, 84
RGB Percent	30%, 18%, 33%
CMY	0.7019, 0.8157, 0.6706
CMYK	0.09, 0.44, 0.00, 0.67
HSL	287°, 28%, 26%
HSV	287°, 44%, 33%
XYZ	5.5985, 4.2096, 8.9046
YIQ	59.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

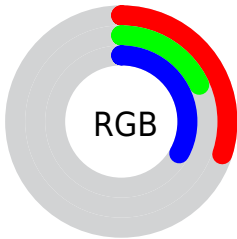
Format	Color
RYB	76, 47, 84
Decimal	4992852
CIELab	24.35, 20.61, -17.24
CIELCh	24, 26.869, 320.089
Yxy	4.2096, 0.2992, 0.2250
Android (android.graphics.Color)	4283182932 (0xFF4C2F54)
YUV	59.8890, 11.8867, 14.1293
Hunter-Lab	20.5173, 12.8020, -11.3700

Details

The YIQ color **59.8890, 5.4070, 17.6550** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71.1110, -5.4070, -17.6550**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.1280, 6.2320, 19.2240**, and **15.1880, 6.0030, 17.8670** is the 20% darker color. If you saturate the color by 10%, you get **54.5950, 6.4150, 21.4150**, and if you desaturate by 10%, it is **65.1830, 4.3990, 13.8950**.

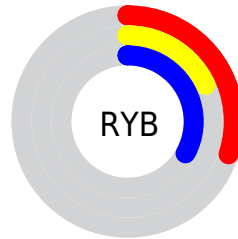
Distribution



Red (30%)

Green (18%)

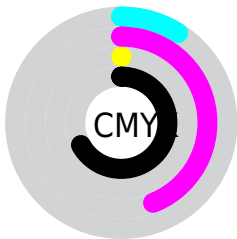
Blue (33%)



Red (30%)

Yellow (18%)

Blue (33%)

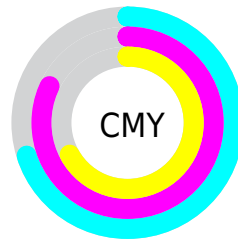


Cyan (9%)

Magenta (44%)

Yellow (0%)

Black (67%)



Cyan (70%)

Magenta (82%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.8890, 5.4070, 17.6550 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 59.8890, 5.4070, 17.6550 by changing the saturation by 10% instead.

■ 59.8890, 5.4070,
17.6550

■ 59.8890, 5.4070,
17.6550

■ 255.0000, -0.0000,
-0.0000

■ 37.4760, 5.1320,
17.1320

■ 108.1280, 6.2320,
19.2240

■ 15.1880, 6.0030,
17.8670

■ 133.5410, 6.5070,
19.7470

■ 2.5250, -5.7320,
4.7640

■ 159.3670, 7.0570,
20.7930

■ 0.0000, 0.0000,
0.0000

■ 186.7800, 7.3320,
21.3160

■ 214.1930, 7.6070,
21.8390

■ 238.5640, 7.7000,

14.6440

■ 59.8890, 5.4070,
17.6550

■ 59.8890, 5.4070,
17.6550

■ 54.5950, 6.4150,
21.4150

■ 65.1830, 4.3990,
13.8950

■ 48.7140, 7.6980,
25.6980

■ 71.0640, 3.1160,
9.6120

■ 43.7190, 9.3020,
29.6700

■ 76.0590, 1.5120,
5.6400

■ 37.8380, 10.5850,
33.9530

■ 81.9400, 0.2290,
1.3570

■ 32.5440, 11.5930,
37.7130

■ 87.2340, -0.7790,
-2.4030

■ 29.3100, 12.3720,
40.1160

■ 92.5280, -1.7870,
-6.1630

■ 98.4090, -3.0700,
-10.4460

■ 103.7030, -4.0780,
-14.2060

■ 109.2850, -5.9570,
-18.7010

Harmonies

Analogous

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



57.2820, -17.9290, 11.0550



59.8890, 5.4070, 17.6550



58.9850, 22.6920, 18.2760

Triad

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



59.8890, 5.4070, 17.6550



55.9470, 24.7140, -7.3660



48.0100, -41.4910, -13.4830

Complementary

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



59.8890, 5.4070, 17.6550



71.1110, -5.4070, -17.6550

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.



45.0290, -34.4750, -19.4910



59.8890, 5.4070, 17.6550



54.6030, 10.8230, -14.4330

Square

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



59.8890, 5.4070, 17.6550



57.2780, 31.4520, 2.6840



51.2570, -8.7540, -17.5700



48.7740, -46.3980, -7.1500

Rectangle

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



59.8890, 5.4070, 17.6550



57.8130, 28.9280, 15.3920



51.2570, -8.7540, -17.5700



47.2120, -39.2440, -15.6600

Sweetspot

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



59.8890, 5.4070, 17.6550



100.2980, 2.3370, 7.2090



55.9140, -14.0770, 7.3230



50.1190, 1.2830, 4.2830



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



59.8890, 5.4070, 17.6550



72.0670, 8.2020, 27.5780



61.1410, 13.3850, 16.2410



38.3530, 0.5040, 1.8800



36.4880, 15.1670, 50.0390



80.8660, 34.0000, 110.7360

Inverse Universe

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



58.9750, 19.4840, 10.3320



70.7100, 30.7160, 16.0280



69.8590, -13.3850, -16.2410



38.3100, 2.0630, 1.1590



34.0170, 55.1970, 29.4130



75.0680, 122.2220, 64.7340

Previews

White Background



This preview shows how the YIQ color 59.8890, 5.4070, 17.6550 looks on a white background.

Color Contrast Check

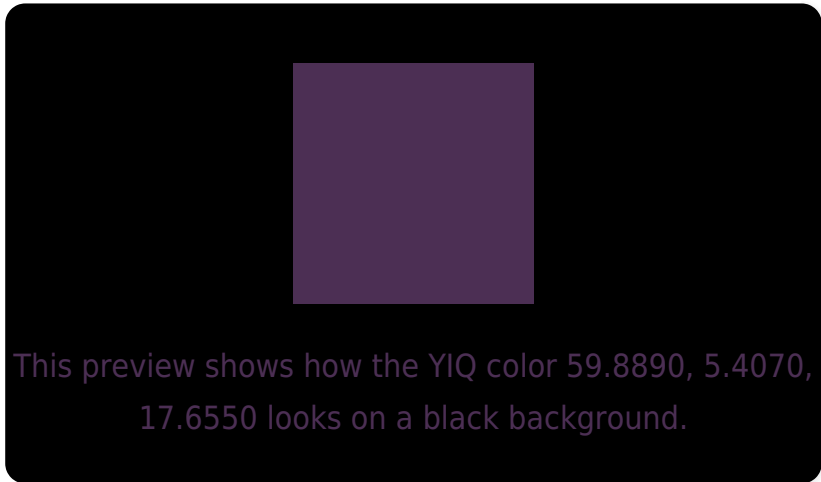
Large Text (above 18pt) WCAG AA ✓ Pass

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

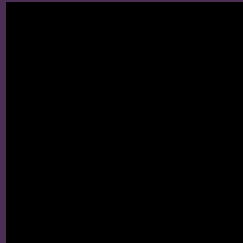
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.8890, 5.4070, 17.6550

Background



This preview shows how black text looks on a background with the YIQ color 59.8890, 5.4070, 17.6550.



This preview shows how white text looks on a background with the YIQ color 59.8890, 5.4070,

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

59.8890, 5.4070, 17.6550

Protanopia

57.5160, -18.7080, 8.6520

Deuteranopia

58.3440, -12.4720, 5.7680



Tritanopia

59.1370, 10.0400, 5.2720

Trichromacy



Original Color

59.8890, 5.4070, 17.6550

Protanomaly

58.1150, -10.0890, 12.1430

Deuteranomaly

58.8010, -6.3290, 10.0790

Tritanomaly

59.4020, 7.9760, 9.6400

Monochromacy



Original Color

59.8890, 5.4070, 17.6550

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.8890, 5.4070, 17.6550 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(76, 47, 84)` looks like.

```
.text, #text, p{  
    color:rgb(76, 47, 84)  
}
```

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(76, 47, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 47, 84) }
```

Border

The CSS property to change the border of an element to YIQ 59.8890, 5.4070, 17.6550 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(76, 47, 84) }
```


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

```
.border{ border-color:rgb(76, 47, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 47, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 47, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 47, 84);  
box-shadow:4px 4px 4px 4px rgb(76, 47, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.8890, 5.4070, 17.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 47, 84) }
```

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

```
.background{ background-color: rgb(76, 47,  
84) }
```

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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