

Converting Colors

YIQ(69.5800, 10.7710, 19.5630)

Have a look what the booklet for
YIQ(69.5800, 10.7710, 19.5630)
contains.

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Color

**YIQ(69.5800, 10.7710,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	5C365B
RGB	92, 54, 91
RGB Percent	36%, 21%, 36%
CMY	0.6391, 0.7883, 0.6431
CMYK	0.00, 0.41, 0.01, 0.64
HSL	302°, 26%, 29%
HSV	302°, 41%, 36%
XYZ	7.6234, 5.6691, 10.5908
YIQ	69.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

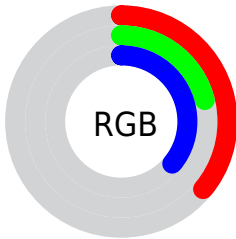
Format	Color
R_YB	92, 54, 91
Decimal	6043227
CIE Lab	28.56, 23.55, -15.15
CIE LCh	29, 28.004, 327.253
Yxy	5.6691, 0.3192, 0.2374
Android (android.graphics.Color)	4284233307 (0xFF5C365B)
YUV	69.5800, 10.5601, 19.6623
Hunter-Lab	23.8098, 15.4852, -9.7058

Details

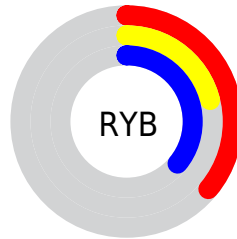
The YIQ color **69.5800, 10.7710, 19.5630** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.4200, -10.7710, -19.5630**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.7050, 11.9170, 20.8210**, and **24.4550, 9.6250, 18.3050** is the 20% darker color. If you saturate the color by 10%, you get **64.2970, 13.2460, 24.2700**, and if you desaturate by 10%, it is **74.8630, 8.2960, 14.8560**.

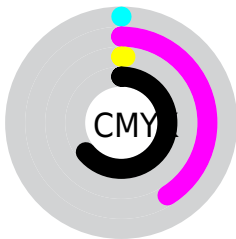
Distribution



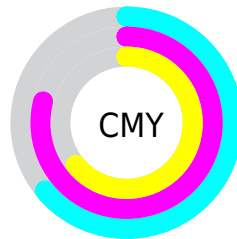
- Red (36%)
- Green (21%)
- Blue (36%)



- Red (36%)
- Yellow (21%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (64%)



- Cyan (64%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.5800, 10.7710, 19.5630 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 69.5800, 10.7710, 19.5630 by changing the saturation by 10% instead.

■ 69.5800, 10.7710,
19.5630

■ 69.5800, 10.7710,
19.5630

■ 255.0000, -0.0000,
-0.0000

■ 46.7540, 10.2210,
18.5170

■ 118.7050, 11.9170,
20.8210

■ 24.4550, 9.6250,
18.3050

■ 144.5310, 12.4670,
21.8670

■ 10.0260, 6.2790,
12.8630

■ 170.9440, 12.7420,
22.3900

■ 0.0000, 0.0000,
0.0000

■ 198.6560, 13.6130,
23.1250

■ 227.0690, 13.8880,
23.6480

■ 243.8470, 5.2250,

9.9370

■ 69.5800, 10.7710,
19.5630

■ 69.5800, 10.7710,
19.5630

■ 64.2970, 13.2460,
24.2700

■ 74.8630, 8.2960,
14.8560

■ 59.0140, 15.7210,
28.9770

■ 80.2600, 5.5000,
10.4600

■ 53.0300, 18.7920,
33.8960

■ 86.1300, 2.7500,
5.2300

■ 47.7470, 21.2670,
38.6030

■ 91.4130, 0.2750,
0.5230

■ 42.4640, 23.7420,
43.3100

■ 96.6960, -2.2000,
-4.1840

■ 37.7680, 25.9420,
47.4940

■ 101.9790, -4.6750,
-8.8910

■ 107.3760, -7.4710,
-13.2870

■ 113.2460,
-10.2210, -18.5170

■ 118.5290,
-12.6960, -23.2240

Harmonies

Analogous

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



67.9130, -12.3360, 14.3200



69.5800, 10.7710, 19.5630



68.4370, 27.2310, 18.6150

Triad

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



69.5800, 10.7710, 19.5630



65.4690, 23.0640, -10.5040



55.5900, -49.0560, -14.0480

Complementary

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



69.5800, 10.7710, 19.5630



76.4200, -10.7710, -19.5630

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.



53.1960, -42.3150, -20.5790



69.5800, 10.7710, 19.5630



63.2820, 7.2930, -16.5390

Square

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



69.5800, 10.7710, 19.5630



66.8820, 32.5070, 0.0830



59.3810, -15.0350, -19.3790



55.7670, -53.6880, -7.1920

Rectangle

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



69.5800, 10.7710, 19.5630



67.4390, 32.9170, 14.6850



59.3810, -15.0350, -19.3790



54.7920, -46.8090, -16.2250

Sweetspot

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



69.5800, 10.7710, 19.5630



111.0810, 4.4460, 7.5340



58.6310, -11.6020, 12.0300



56.3040, 2.2000, 4.1840



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.



69.5800, 10.7710, 19.5630



84.5520, 17.1420, 30.7580



67.4140, 16.8700, 13.6540



43.0650, 1.3750, 2.6150



45.0880, 31.2130, 56.5970



97.1970, 67.1010, 122.0850

Inverse Universe

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



69.5800, 10.7710, 19.5630



84.5520, 17.1420, 30.7580



78.5860, -16.8700, -13.6540



43.0650, 1.3750, 2.6150



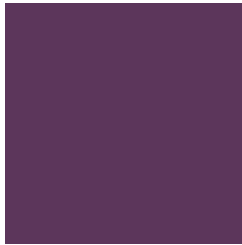
45.0880, 31.2130, 56.5970



97.1970, 67.1010, 122.0850

Previews

White Background



This preview shows how the YIQ color 69.5800, 10.7710, 19.5630 looks on a white background.

Color Contrast Check

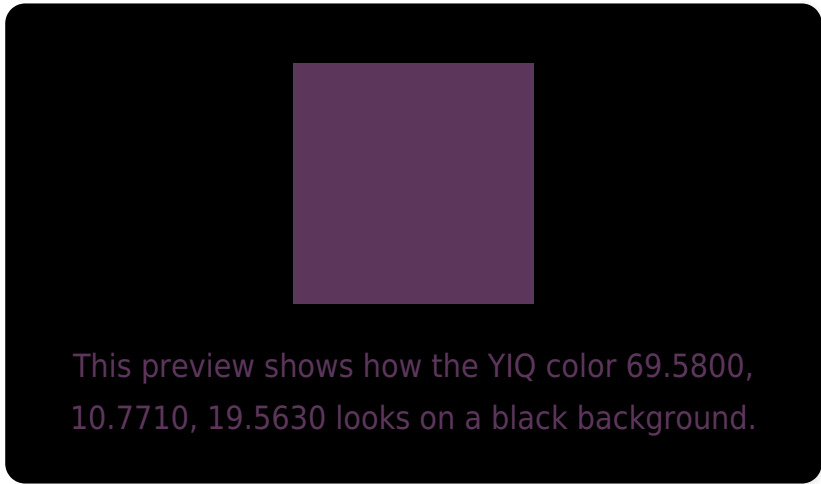
Large Text (above 18pt) WCAG AA ✓ Pass

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

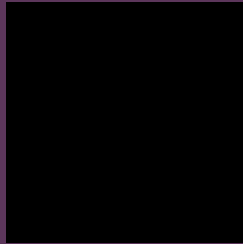
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.5800, 10.7710, 19.5630

Background



This preview shows how black text looks on a background with the YIQ color 69.5800, 10.7710, 19.5630.



This preview shows how white text looks on a background with the YIQ color 69.5800, 10.7710,

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

69.5800, 10.7710, 19.5630

Protanopia

67.5870, -17.4700, 8.2420

Deuteranopia

68.3120, -9.4460, 5.9940



Tritanopia

69.1270, 16.0000, 7.3920

Trichromacy



Original Color

69.5800, 10.7710, 19.5630

Protanomaly

68.0830, -7.0630, 12.3690

Deuteranomaly

68.7800, -1.8360, 11.2520

Tritanomaly

69.3920, 13.9360, 11.7600

Monochromacy



Original Color

69.5800, 10.7710, 19.5630

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.5800, 10.7710, 19.5630 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(92, 54, 91)` looks like.

```
.text, #text, p{  
    color:rgb(92, 54, 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(92, 54, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 54, 91) }
```

Border

The CSS property to change the border of an element to YIQ 69.5800, 10.7710, 19.5630 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(92, 54, 91) }
```


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

```
.border{ border-color:rgb(92, 54, 91) }
```

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

Here you see how a box with a 4 pixel rgb(92, 54, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 54, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 54, 91);  
box-shadow:4px 4px 4px 4px rgb(92, 54, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.5800, 10.7710, 19.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 54, 91) }
```

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

```
.background{ background-color: rgb(92, 54,  
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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