

Converting Colors

YIQ(74.5800, 10.7710, 19.5630)

Have a look what the booklet for
YIQ(74.5800, 10.7710, 19.5630)
contains.

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Color

**YIQ(74.5800, 10.7710,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	613B60
RGB	97, 59, 96
RGB Percent	38%, 23%, 38%
CMY	0.6195, 0.7687, 0.6235
CMYK	0.00, 0.39, 0.01, 0.62
HSL	302°, 24%, 31%
HSV	302°, 39%, 38%
XYZ	8.6075, 6.5139, 11.8708
YIQ	74.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

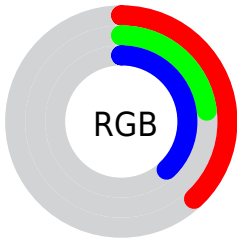
Format	Color
RYB	97, 59, 96
Decimal	6372192
CIELab	30.67, 23.36, -15.07
CIELCh	31, 27.796, 327.163
Yxy	6.5139, 0.3189, 0.2413
Android (android.graphics.Color)	4284562272 (0xFF613B60)
YUV	74.5800, 10.5601, 19.6623
Hunter-Lab	25.5223, 15.5358, -9.7112

Details

The YIQ color **74.5800, 10.7710, 19.5630** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.4200, -10.7710, -19.5630**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8190, 11.5960, 21.1320**, and **29.1560, 9.0290, 18.0930** is the 20% darker color. If you saturate the color by 10%, you get **68.7100, 13.5210, 24.7930**, and if you desaturate by 10%, it is **80.4500, 8.0210, 14.3330**.

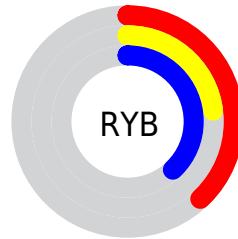
Distribution



Red (38%)

Green (23%)

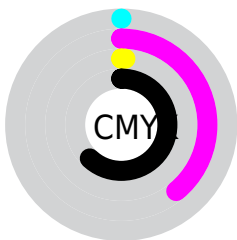
Blue (38%)



Red (38%)

Yellow (23%)

Blue (38%)

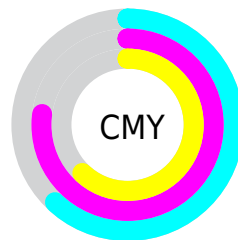


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (62%)



Cyan (62%)

Magenta (77%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.5800, 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 74.5800, 10.7710, 19.5630 by changing the saturation by 10% instead.

■ 74.5800, 10.7710,
19.5630

■ 74.5800, 10.7710,
19.5630

■ 255.0000, -0.0000,
-0.0000

■ 51.1670, 10.4960,
19.0400

■ 123.8190, 11.5960,
21.1320

■ 29.1560, 9.0290,
18.0930

■ 150.1180, 12.1920,
21.3440

■ 12.5750, 9.1670,
15.5910

■ 176.9440, 12.7420,
22.3900

■ 0.0000, 0.0000,
0.0000

■ 204.3570, 13.0170,
22.9130

■ 230.9330, 11.2750,
21.4430

■ 247.3690, 3.5750,

6.7990

■ 74.5800, 10.7710,
19.5630

■ 74.5800, 10.7710,
19.5630

■ 68.7100, 13.5210,
24.7930

■ 80.4500, 8.0210,
14.3330

■ 63.3130, 16.3170,
29.1890

■ 85.8470, 5.2250,
9.9370

■ 57.4430, 19.0670,
34.4190

■ 91.7170, 2.4750,
4.7070

■ 51.5730, 21.8170,
39.6490

■ 97.5870, -0.2750,
-0.5230

■ 45.7030, 24.5670,
44.8790

■ 103.4570, -3.0250,
-5.7530

■ 40.3060, 27.3630,
49.2750

■ 108.8540, -5.8210,
-10.1490

■ 39.7190, 27.6380,
49.7980

■ 114.7240, -8.5710,
-15.3790

■ 120.5940,
-11.3210, -20.6090

■ 125.8770,
-13.7960, -25.3160

Harmonies

Analogous

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



72.9130, -12.3360, 14.3200



74.5800, 10.7710, 19.5630



73.4370, 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.



74.5800, 10.7710, 19.5630



70.2950, 23.6140, -9.4580



59.0950, -52.0360, -15.1080

Complementary

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



74.5800, 10.7710, 19.5630



81.4200, -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.



56.5870, -44.9740, -21.9500



74.5800, 10.7710, 19.5630



68.2820, 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.



74.5800, 10.7710, 19.5630



71.2950, 32.7820, 0.6060



64.3810, -15.0350, -19.3790



59.2720, -56.6680, -8.2520

Rectangle

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



74.5800, 10.7710, 19.5630



72.4390, 32.9170, 14.6850



64.3810, -15.0350, -19.3790



58.2970, -49.7890, -17.2850

Sweetspot

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



74.5800, 10.7710, 19.5630



116.1950, 4.1250, 7.8450



63.6310, -11.6020, 12.0300



58.7170, 2.4750, 4.7070



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



74.5800, 10.7710, 19.5630



90.1390, 16.8670, 30.2350



72.4140, 16.8700, 13.6540



45.6520, 1.1000, 2.0920



45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Inverse Universe

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



74.5800, 10.7710, 19.5630



90.1390, 16.8670, 30.2350



83.5860, -16.8700, -13.6540



45.6520, 1.1000, 2.0920



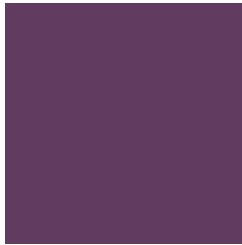
45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Previews

White Background



This preview shows how the YIQ color 74.5800, 10.7710, 19.5630 looks on a white background.

Color Contrast Check

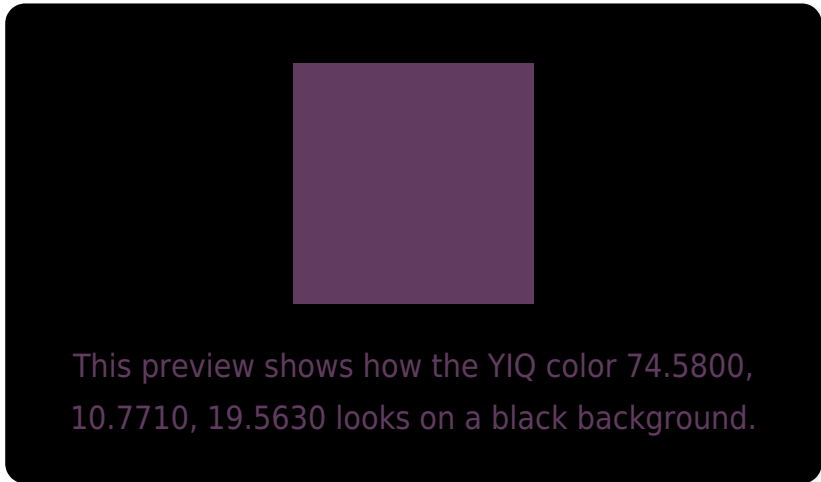
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5800, 10.7710, 19.5630

Background



This preview shows how black text looks on a background with the YIQ color 74.5800, 10.7710, 19.5630.



This preview shows how white text looks on a background with the YIQ color 74.5800, 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

74.5800, 10.7710, 19.5630

Protanopia

72.0000, -17.1950, 8.7650

Deuteranopia

72.7250, -9.1710, 6.5170



Tritanopia

74.2410, 15.6790, 7.7030

Trichromacy



Original Color

74.5800, 10.7710, 19.5630

Protanomaly

73.0830, -7.0630, 12.3690

Deuteranomaly

73.7800, -1.8360, 11.2520

Tritanomaly

74.3920, 13.9360, 11.7600

Monochromacy



Original Color

74.5800, 10.7710, 19.5630

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5800, 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(97, 59, 96)` looks like.

```
.text, #text, p{  
    color:rgb(97, 59, 96)  
}
```

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(97, 59, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 59, 96) }
```

Border

The CSS property to change the border of an element to YIQ 74.5800, 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(97, 59, 96) }
```


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

```
.border{ border-color:rgb(97, 59, 96) }
```

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

Here you see how a box with a 4 pixel rgb(97, 59, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 59, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 59, 96);  
box-shadow:4px 4px 4px 4px rgb(97, 59, 96)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.5800, 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(97, 59, 96) }
```

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

```
.background{ background-color: rgb(97, 59,  
96) }
```

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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