

Converting Colors

YIQ(71.1780, 11.9630, 19.9870)

Have a look what the booklet for
YIQ(71.1780, 11.9630, 19.9870)
contains.

YIQ(71.1780, 11.9630, 19.9870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(71.1780, 11.9630,
19.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	5F375C
RGB	95, 55, 92
RGB Percent	37%, 22%, 36%
CMY	0.6273, 0.7844, 0.6392
CMYK	0.00, 0.42, 0.03, 0.63
HSL	305°, 27%, 29%
HSV	305°, 42%, 37%
XYZ	8.0198, 5.9381, 10.8498
YIQ	71.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

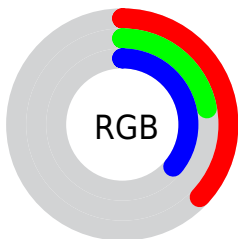
Format	Color
R_{YB}	95, 55, 92
Decimal	6240092
CIE _{Lab}	29.26, 24.24, -14.70
CIE _{LCh}	29, 28.343, 328.770
Yxy	5.9381, 0.3233, 0.2394
Android (android.graphics.Color)	4284430172 (0xFF5F375C)
YUV	71.1780, 10.2652, 20.8919
Hunter-Lab	24.3682, 16.1018, -9.3408




Details

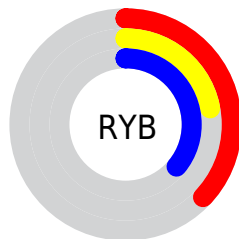
The YIQ color **71.1780, 11.9630, 19.9870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.8220, -11.9630, -19.9870**, and the grayscale version is **71.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **120.3030, 13.1090, 21.2450**, and **25.1670, 10.4960, 19.0400** is the 20% darker color. If you saturate the color by 10%, you get **65.1940, 15.0340, 24.9060**, and if you desaturate by 10%, it is **76.5750, 9.1670, 15.5910**.

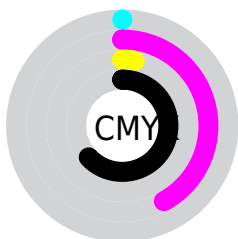
Distribution







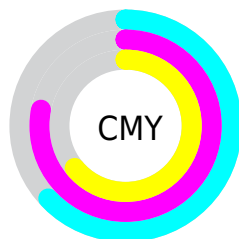
-  Red (37%)
-  Green (22%)
-  Blue (36%)






-  Red (37%)
-  Yellow (22%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (3%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (78%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1780, 11.9630, 19.9870 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 71.1780, 11.9630, 19.9870 by changing the saturation by 10% instead.

71.1780, 11.9630,
19.9870

71.1780, 11.9630,
19.9870

255.0000, -0.0000,
-0.0000

47.7650, 11.6880,
19.4640

120.3030, 13.1090,
21.2450

25.1670, 10.4960,
19.0400

146.1290, 13.6590,
22.2910

11.6350, 8.9380,
14.2340

173.4280, 14.2550,
22.5030

0.0000, 0.0000,
0.0000

200.8410, 14.5300,
23.0260

227.7700, 13.2920,
23.4360

245.0210, 4.6750,

8.8910

■ 71.1780, 11.9630,
19.9870

■ 71.1780, 11.9630,
19.9870

■ 65.1940, 15.0340,
24.9060

■ 76.5750, 9.1670,
15.5910

■ 59.9110, 17.5090,
29.6130

■ 82.4450, 6.4170,
10.3610

■ 53.9270, 20.5800,
34.5320

■ 87.8420, 3.6210,
5.9650

■ 48.5300, 23.3760,
38.9280

■ 93.8260, 0.5500,
1.0460

■ 42.5460, 26.4470,
43.8470

■ 99.8100, -2.5210,
-3.8730

■ 38.4370, 28.3720,
47.5080

■ 105.0930, -4.9960,
-8.5800

■ 111.0770, -8.0670,
-13.4990

■ 116.4740,
-10.8630, -17.8950

■ 122.3440,
-13.6130, -23.1250

Harmonies

Analogous

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



70.3970, -10.8230, 14.4330



71.1780, 11.9630, 19.9870



69.7360, 27.8270, 18.8270

Triad

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



71.1780, 11.9630, 19.9870



66.4690, 23.0640, -10.5040



57.1060, -50.5690, -14.1610

Complementary

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



71.1780, 11.9630, 19.9870



78.8220, -11.9630, -19.9870

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.



54.5980, -43.5070, -21.0030



71.1780, 11.9630, 19.9870



64.6840, 6.1010, -16.9630

Square

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



71.1780, 11.9630, 19.9870



67.8820, 32.5070, 0.0830



60.4840, -16.8230, -20.0150



57.2830, -55.2010, -7.3050

Rectangle

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



71.1780, 11.9630, 19.9870



69.2110, 33.5590, 14.0630



60.4840, -16.8230, -20.0150



56.3080, -48.3220, -16.3380

Sweetspot

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



71.1780, 11.9630, 19.9870



112.4940, 4.7210, 8.0570



60.4570, -11.0520, 13.0760



55.0160, 3.0710, 4.9190



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.



71.1780, 11.9630, 19.9870



85.1500, 18.3340, 31.1820



68.8980, 18.3830, 13.7670



45.6520, 1.1000, 2.0920



45.3440, 33.3680, 56.0880



97.0680, 71.7780, 119.9220

Inverse Universe

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



71.1780, 11.9630, 19.9870



85.1500, 18.3340, 31.1820



81.1020, -18.3830, -13.7670



45.6520, 1.1000, 2.0920



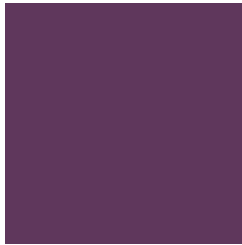
45.3440, 33.3680, 56.0880



97.0680, 71.7780, 119.9220

Previews

White Background



This preview shows how the YIQ color 71.1780, 11.9630, 19.9870 looks on a white background.

Color Contrast Check

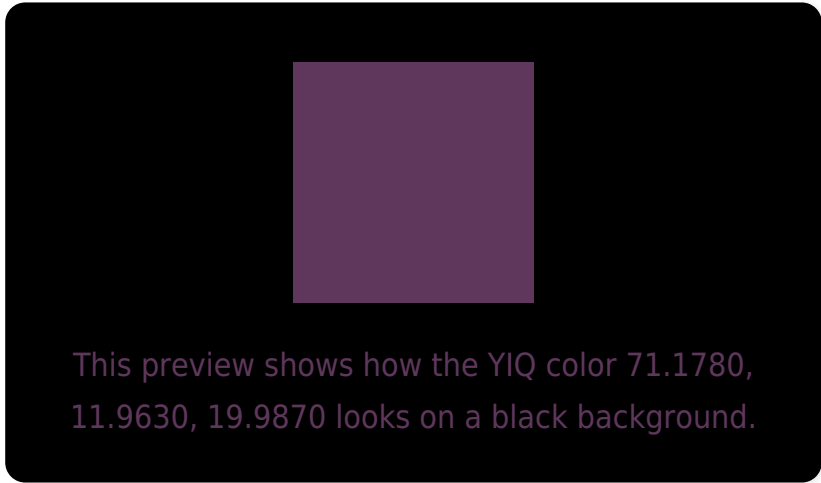
Large Text (above 18pt) WCAG AA ✓ Pass

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

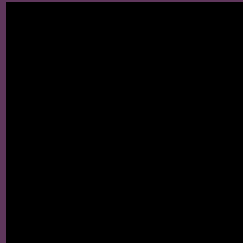
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.1780, 11.9630, 19.9870

Background



This preview shows how black text looks on a background with the YIQ color 71.1780, 11.9630, 19.9870.



This preview shows how white text looks on a background with the YIQ color 71.1780, 11.9630,

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

71.1780, 11.9630, 19.9870

Protanopia

68.8860, -16.8740, 8.4540

Deuteranopia

69.6110, -8.8500, 6.2060



Tritanopia

70.7250, 17.1920, 7.8160

Trichromacy



Original Color

71.1780, 11.9630, 19.9870

Protanomaly

69.3820, -6.4670, 12.5810

Deuteranomaly

70.0790, -1.2400, 11.4640

Tritanomaly

70.9900, 15.1280, 12.1840

Monochromacy



Original Color

71.1780, 11.9630, 19.9870

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1780, 11.9630, 19.9870 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(95, 55, 92)` looks like.

```
.text, #text, p{  
    color:rgb(95, 55, 92)  
}
```

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(95, 55, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 55, 92) }
```

Border

The CSS property to change the border of an element to YIQ 71.1780, 11.9630, 19.9870 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(95, 55, 92) }
```


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

```
.border{ border-color:rgb(95, 55, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 55, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 55, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 55, 92);  
box-shadow:4px 4px 4px 4px rgb(95, 55, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.1780, 11.9630, 19.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 55, 92) }
```

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

```
.background{ background-color: rgb(95, 55,  
92) }
```

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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