

Converting Colors

YIQ(71.3990, 21.2260, 11.8020)

Have a look what the booklet for
YIQ(71.3990, 21.2260, 11.8020)
contains.

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Color

**YIQ(71.3990, 21.2260,
11.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	633A44
RGB	99, 58, 68
RGB Percent	39%, 23%, 27%
CMY	0.6117, 0.7726, 0.7333
CMYK	0.00, 0.41, 0.31, 0.61
HSL	345°, 26%, 31%
HSV	345°, 41%, 39%
XYZ	7.7047, 6.0961, 6.2426
YIQ	71.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

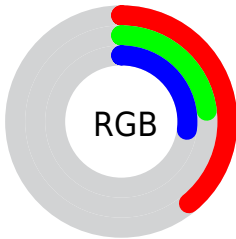
Format	Color
R_YB	99, 58, 68
Decimal	6502980
CIE Lab	29.65, 19.61, 1.59
CIE LCh	30, 19.674, 4.647
Yxy	6.0961, 0.3844, 0.3041
Android (android.graphics.Color)	4284693060 (0xFF633A44)
YUV	71.3990, -1.6757, 24.2061
Hunter-Lab	24.6903, 12.4932, 2.2927

Details

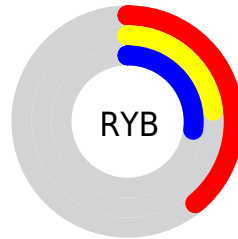
The YIQ color **71.3990, 21.2260, 11.8020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.6010, -21.2260, -11.8020**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.5950, 23.6100, 12.6500**, and **26.0180, 17.9250, 11.0530** is the 20% darker color. If you saturate the color by 10%, you get **64.7310, 26.2230, 14.8550**, and if you desaturate by 10%, it is **78.1810, 15.9080, 9.0600**.

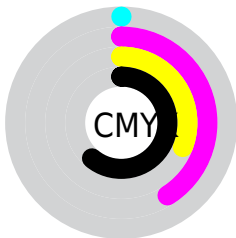
Distribution



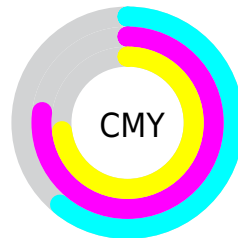
- Red (39%)
- Green (23%)
- Blue (27%)



- Red (39%)
- Yellow (23%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (61%)



- Cyan (61%)
- Magenta (77%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.3990, 21.2260, 11.8020 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 71.3990, 21.2260, 11.8020 by changing the saturation by 10% instead.

■ 71.3990, 21.2260,
11.8020

■ 71.3990, 21.2260,
11.8020

■ 255.0000, -0.0000,
-0.0000

■ 48.5020, 19.4380,
11.1660

■ 120.5950, 23.6100,
12.6500

■ 26.0180, 17.9250,
11.0530

■ 146.3070, 24.4810,
13.3850

■ 9.6820, 18.7510,
7.0950

■ 173.4920, 25.3980,
13.2860

■ 0.0000, 0.0000,
0.0000

■ 201.0900, 26.5900,
13.7100

■ 226.1110, 22.0970,
12.5370

■ 246.4400, 4.8130,

■ 71.3990, 21.2260,
11.8020

■ 71.3990, 21.2260,
11.8020

■ 64.7310, 26.2230,
14.8550

■ 78.1810, 15.9080,
9.0600

■ 57.9490, 31.5410,
17.5970

■ 84.8490, 10.9110,
6.0070

■ 51.2810, 36.5380,
20.6500

■ 91.5170, 5.9140,
2.9540

■ 44.4990, 41.8560,
23.3920

■ 98.2990, 0.5960,
0.2120

■ 37.8310, 46.8530,
26.4450

■ 104.3800, -4.1260,
-2.3180

■ 32.3370, 51.3000,
28.4520

■ 111.1620, -9.4440,
-5.0600

■ 117.8300,
-14.4410, -8.1130

■ 124.6120,
-19.7590, -10.8550

■ 131.2800,
-24.7560, -13.9080

Harmonies

Analogous

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



71.8910, 11.0930, 13.7250



71.3990, 21.2260, 11.8020



70.5640, 24.8950, 5.8790

Triad

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



71.3990, 21.2260, 11.8020



66.6930, 1.8820, -12.0860



62.5580, -36.8620, -3.7580

Complementary

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



71.3990, 21.2260, 11.8020



85.6010, -21.2260, -11.8020

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.



57.2100, -44.9300, -11.7300



71.3990, 21.2260, 11.8020



64.4400, -13.5230, -13.7390

Square

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



71.3990, 21.2260, 11.8020



68.8580, 14.7190, -7.9450



60.5720, -31.4500, -13.7380



68.6250, -20.6330, 4.9910

Rectangle

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



71.3990, 21.2260, 11.8020



70.3310, 23.9330, 1.2850



60.5720, -31.4500, -13.7380



60.4110, -40.9420, -6.9100

Sweetspot

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



71.3990, 21.2260, 11.8020



117.2400, 8.2520, 4.6360



71.9430, 5.3150, 19.3230



57.9190, 4.7220, 2.5300



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.



71.3990, 21.2260, 11.8020



84.8460, 33.3290, 18.2330



76.1290, 21.6860, 3.4620



45.3100, 2.0630, 1.1590



36.5660, 58.0850, 32.1410



78.4860, 124.1010, 69.2290

Inverse Universe

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



71.3990, 21.2260, 11.8020



84.8460, 33.3290, 18.2330



80.8710, -21.6860, -3.4620



45.3100, 2.0630, 1.1590



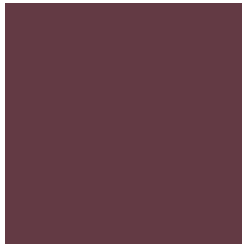
36.5660, 58.0850, 32.1410



78.4860, 124.1010, 69.2290

Previews

White Background



This preview shows how the YIQ color 71.3990, 21.2260, 11.8020 looks on a white background.

Color Contrast Check

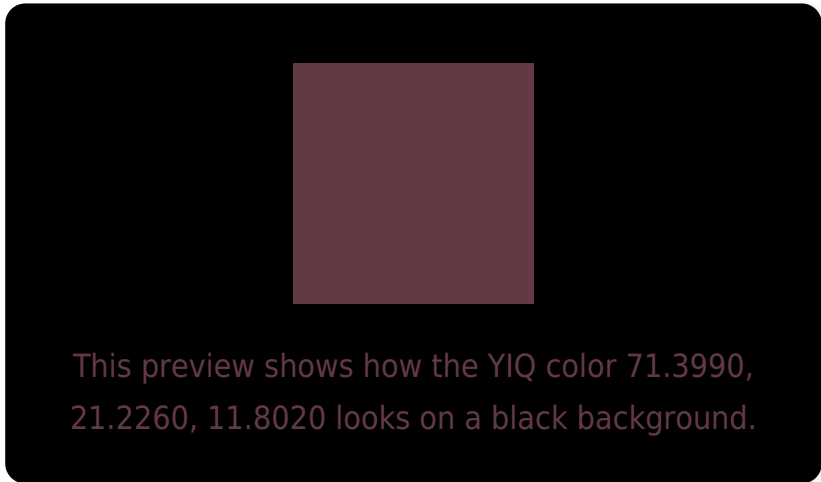
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.3990, 21.2260, 11.8020

Background



This preview shows how black text looks on a background with the YIQ color 71.3990, 21.2260, 11.8020.



This preview shows how white text looks on a background with the YIQ color 71.3990, 21.2260,

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

71.3990, 21.2260, 11.8020

Protanopia

70.5700, -1.6050, 1.5550

Deuteranopia

71.0610, 7.1980, 1.7100



Tritanopia

71.4160, 22.5560, 9.7240

Trichromacy



Original Color

71.3990, 21.2260, 11.8020

Protanomaly

71.1690, 7.0140, 5.0460

Deuteranomaly

70.9200, 12.1490, 5.5970

Tritanomaly

71.6440, 21.9140, 10.3460

Monochromacy



Original Color

71.3990, 21.2260, 11.8020

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3990, 21.2260, 11.8020 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(99, 58, 68)` looks like.

```
.text, #text, p{  
    color:rgb(99, 58, 68)  
}
```

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(99, 58, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 58, 68) }
```

Border

The CSS property to change the border of an element to YIQ 71.3990, 21.2260, 11.8020 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(99, 58, 68) }
```


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

```
.border{ border-color:rgb(99, 58, 68) }
```

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

Here you see how a box with a 4 pixel rgb(99, 58, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 58, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 58, 68);  
box-shadow:4px 4px 4px 4px rgb(99, 58, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.3990, 21.2260, 11.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 58, 68) }
```

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

```
.background{ background-color: rgb(99, 58,  
68) }
```

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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