

Converting Colors

YIQ(71.8230, -3.3950, 11.9730)

Have a look what the booklet for
YIQ(71.8230, -3.3950, 11.9730)
contains.

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Color

**YIQ(71.8230, -3.3950,
11.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4160
RGB	76, 65, 96
RGB Percent	30%, 25%, 38%
CMY	0.7019, 0.7451, 0.6236
CMYK	0.21, 0.32, 0.00, 0.62
HSL	261°, 19%, 32%
HSV	261°, 32%, 38%
XYZ	6.9823, 6.1614, 11.8853
YIQ	71.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

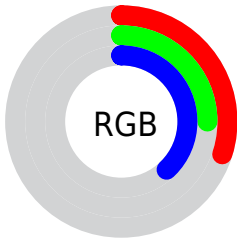
Format	Color
R_{YB}	76, 65, 96
Decimal	4997472
CIE _{Lab}	29.82, 11.92, -16.59
CIE _{LCh}	30, 20.430, 305.707
Yxy	6.1614, 0.2790, 0.2462
Android (android.graphics.Color)	4283187552 (0xFF4C4160)
YUV	71.8230, 11.9193, 3.6632
Hunter-Lab	24.8222, 6.7722, -11.0136

Details

The YIQ color **71.8230, -3.3950, 11.9730** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.1770, 3.3950, -11.9730**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4640, -3.7620, 13.1180**, and **27.8830, -3.6240, 10.6160** is the 20% darker color. If you saturate the color by 10%, you get **64.1590, -4.2210, 15.9310**, and if you desaturate by 10%, it is **79.4870, -2.5690, 8.0150**.

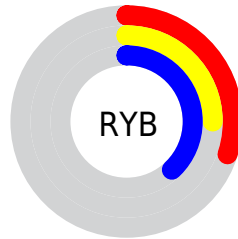
Distribution



Red (30%)

Green (25%)

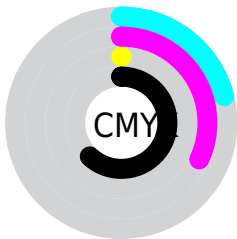
Blue (38%)



Red (30%)

Yellow (25%)

Blue (38%)

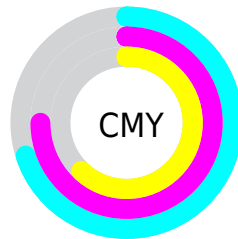


Cyan (21%)

Magenta (32%)

Yellow (0%)

Black (62%)



Cyan (70%)

Magenta (75%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.8230, -3.3950, 11.9730 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 71.8230, -3.3950, 11.9730 by changing the saturation by 10% instead.

■ 71.8230, -3.3950,
11.9730

■ 71.8230, -3.3950,
11.9730

■ 255.0000, -0.0000,
-0.0000

■ 49.2960, -3.3490,
11.1390

■ 120.4640, -3.7620,
13.1180

■ 27.8830, -3.6240,
10.6160

■ 145.8770, -3.4870,
13.6410

■ 6.2960, -3.3490,
11.1390

■ 172.9910, -3.8080,
13.9520

■ 0.0000, 0.0000,
0.0000

■ 200.4040, -3.5330,
14.4750

■ 228.1760, -2.8910,
13.8530

■ 250.8910, 1.9250,

3.6610

■ 71.8230, -3.3950,
11.9730

■ 71.8230, -3.3950,
11.9730

■ 64.1590, -4.2210,
15.9310

■ 79.4870, -2.5690,
8.0150

■ 57.0820, -5.3220,
19.3660

■ 86.5640, -1.4680,
4.5800

■ 49.1190, -6.7440,
23.1120

■ 94.5270, -0.0460,
0.8340

■ 42.0420, -7.8450,
26.5470

■ 101.6040, 1.0550,
-2.6010

■ 34.3780, -8.6710,
30.5050

■ 109.2680, 1.8810,
-6.5590

■ 26.7140, -9.4970,
34.4630

■ 116.9320, 2.7070,
-10.5170

■ 21.1100, -10.5520,
37.0640

■ 124.0090, 3.8080,
-13.9520

■ 131.9720, 5.2300,
-17.6980

■ 139.0490, 6.3310,
-21.1330

Harmonies

Analogous

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



68.8530, -21.2750, 5.6130



71.8230, -3.3950, 11.9730



72.6030, 11.9640, 14.4600

Triad

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



71.8230, -3.3950, 11.9730



70.1520, 22.8790, -1.6410



60.0770, -34.4300, -14.7980

Complementary

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



71.8230, -3.3950, 11.9730



89.1770, 3.3950, -11.9730

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.



64.5430, -15.3110, -14.3750



71.8230, -3.3950, 11.9730



68.7440, 15.0400, -8.2560

Square

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



71.8230, -3.3950, 11.9730



71.1620, 26.0870, 6.3030



67.2800, 1.6070, -12.6090



55.8180, -49.6980, -13.4260

Rectangle

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



71.8230, -3.3950, 11.9730



71.9690, 19.6210, 13.3570



67.2800, 1.6070, -12.6090



61.7850, -27.7360, -14.9680

Sweetspot

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



71.8230, -3.3950, 11.9730



114.9770, -1.1930, 5.1030



80.2740, -15.4510, -0.8190



57.8090, -0.7800, 3.1240



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.



71.8230, -3.3950, 11.9730



86.9680, -5.0010, 19.0550



76.3080, 5.5450, 15.1530



44.7550, -0.6880, 1.4560



24.7280, -12.1120, 43.3120



52.7750, -26.3800, 92.6600

Inverse Universe

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



76.5490, 12.0560, 12.7920



94.2990, 18.9320, 20.3400



84.6920, -5.5450, -15.1530



45.5380, 1.4210, 1.7810



41.6960, 43.6400, 46.1360



89.4300, 93.2850, 99.0850

Previews

White Background



This preview shows how the YIQ color 71.8230, -3.3950, 11.9730 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



This preview shows how the YIQ color 71.8230, -3.3950, 11.9730 looks on a 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 71.8230, -3.3950, 11.9730

Background



This preview shows how black text looks on a background with the YIQ color 71.8230, -3.3950, 11.9730.

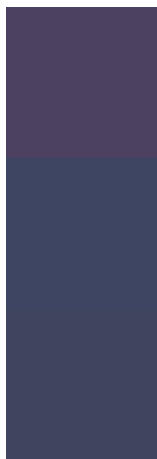


This preview shows how white text looks on a background with the YIQ color 71.8230, -3.3950,

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

71.8230, -3.3950, 11.9730

Protanopia

70.0280, -14.3980, 7.6340

Deuteranopia

70.1700, -11.9220, 6.8140



Tritanopia

70.5810, -0.1380, 2.5020

Trichromacy



Original Color

71.8230, -3.3950, 11.9730

Protanomaly

70.8220, -10.8220, 8.9060

Deuteranomaly

71.0780, -8.6670, 8.3970

Tritanomaly

71.2050, -1.8350, 5.7250

Monochromacy



Original Color

71.8230, -3.3950, 11.9730

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.5640, -1.4680, 4.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.8230, -3.3950, 11.9730 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, 65, 96)` looks like.

```
.text, #text, p{  
    color:rgb(76, 65, 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(76, 65, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 65, 96) }
```

Border

The CSS property to change the border of an element to YIQ 71.8230, -3.3950, 11.9730 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, 65, 96) }
```


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

```
.border{ border-color:rgb(76, 65, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 65, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 65, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 65, 96);  
box-shadow:4px 4px 4px 4px rgb(76, 65, 96)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.8230, -3.3950, 11.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 65, 96) }
```

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

```
.background{ background-color: rgb(76, 65,  
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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