

Converting Colors

YIQ(72.9930, 11.0460, 20.0860)

Have a look what the booklet for
YIQ(72.9930, 11.0460, 20.0860)
contains.

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Color

**YIQ(72.9930, 11.0460,
20.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	60395F
RGB	96, 57, 95
RGB Percent	38%, 22%, 37%
CMY	0.6234, 0.7765, 0.6274
CMYK	0.00, 0.41, 0.01, 0.62
HSL	302°, 26%, 30%
HSV	302°, 41%, 38%
XYZ	8.3550, 6.2393, 11.5913
YIQ	72.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

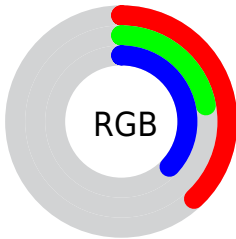
Format	Color
RYB	96, 57, 95
Decimal	6306143
CIELab	30.01, 24.01, -15.46
CIElCh	30, 28.554, 327.212
Yxy	6.2393, 0.3191, 0.2383
Android (android.graphics.Color)	4284496223 (0xFF60395F)
YUV	72.9930, 10.8495, 20.1771
Hunter-Lab	24.9787, 15.9933, -10.0283

Details

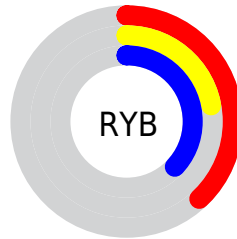
The YIQ color **72.9930, 11.0460, 20.0860** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.0070, -11.0460, -20.0860**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.2320, 11.8710, 21.6550**, and **26.9820, 9.5790, 19.1390** is the 20% darker color. If you saturate the color by 10%, you get **67.1230, 13.7960, 25.3160**, and if you desaturate by 10%, it is **78.8630, 8.2960, 14.8560**.

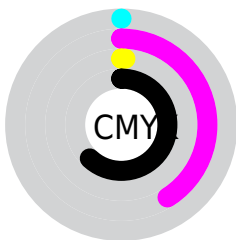
Distribution



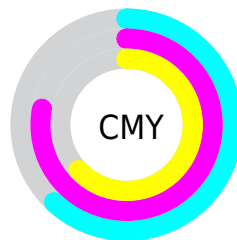
- Red (38%)
- Green (22%)
- Blue (37%)



- Red (38%)
- Yellow (22%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9930, 11.0460, 20.0860 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 72.9930, 11.0460, 20.0860 by changing the saturation by 10% instead.

72.9930, 11.0460,
20.0860

72.9930, 11.0460,
20.0860

255.0000, -0.0000,
-0.0000

49.5800, 10.7710,
19.5630

122.2320, 11.8710,
21.6550

26.9820, 9.5790,
19.1390

148.5310, 12.4670,
21.8670

12.4610, 9.4880,
15.2800

175.3570, 13.0170,
22.9130

0.0000, 0.0000,
0.0000

202.7700, 13.2920,
23.4360

229.7590, 11.8250,
22.4890

246.1950, 4.1250,

7.8450

■ 72.9930, 11.0460,
20.0860

■ 72.9930, 11.0460,
20.0860

■ 67.1230, 13.7960,
25.3160

■ 78.8630, 8.2960,
14.8560

■ 61.7260, 16.5920,
29.7120

■ 84.2600, 5.5000,
10.4600

■ 55.8560, 19.3420,
34.9420

■ 90.1300, 2.7500,
5.2300

■ 50.5730, 21.8170,
39.6490

■ 95.4130, 0.2750,
0.5230

■ 44.7030, 24.5670,
44.8790

■ 101.2830, -2.4750,
-4.7070

■ 39.4200, 27.0420,
49.5860

■ 107.2670, -5.5460,
-9.6260

■ 112.5500, -8.0210,
-14.3330

■ 118.4200,
-10.7710, -19.5630

■ 123.7030,
-13.2460, -24.2700

Harmonies

Analogous

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



71.9130, -12.3360, 14.3200



72.9930, 11.0460, 20.0860



71.8500, 27.5060, 19.1380

Triad

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



72.9930, 11.0460, 20.0860



68.7680, 23.6600, -10.2920



58.3940, -51.4400, -14.8960

Complementary

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



72.9930, 11.0460, 20.0860



80.0070, -11.0460, -20.0860

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.



55.8860, -44.3780, -21.7380



72.9930, 11.0460, 20.0860



66.1680, 7.6140, -16.8500

Square

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



72.9930, 11.0460, 20.0860



70.1810, 33.1030, 0.2950



62.6690, -15.9060, -20.1140



58.6850, -56.3930, -7.7290

Rectangle

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



72.9930, 11.0460, 20.0860



70.7380, 33.5130, 14.8970



62.6690, -15.9060, -20.1140



57.5960, -49.1930, -17.0730

Sweetspot

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



72.9930, 11.0460, 20.0860



116.1950, 4.1250, 7.8450



61.7450, -11.9230, 12.3410



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.



72.9930, 11.0460, 20.0860



88.9650, 17.4170, 31.2810



70.8270, 17.1450, 14.1770



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.



72.9930, 11.0460, 20.0860



88.9650, 17.4170, 31.2810



82.1730, -17.1450, -14.1770



45.6520, 1.1000, 2.0920



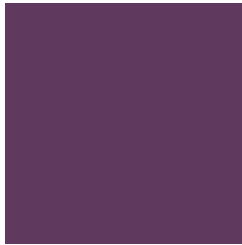
45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Previews

White Background



This preview shows how the YIQ color 72.9930, 11.0460, 20.0860 looks on a white background.

Color Contrast Check

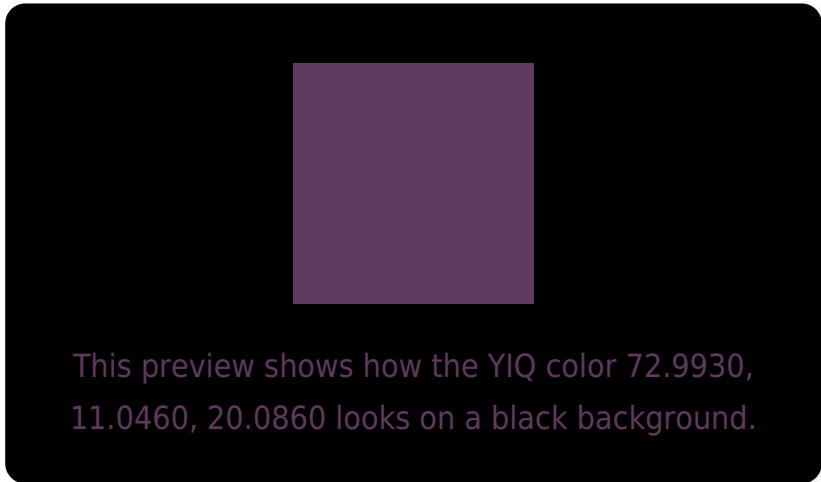
Large Text (above 18pt) WCAG AA ✓ Pass

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

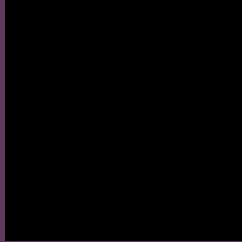
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9930, 11.0460, 20.0860

Background



This preview shows how black text looks on a background with the YIQ color 72.9930, 11.0460, 20.0860.



This preview shows how white text looks on a background with the YIQ color 72.9930, 11.0460,

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

72.9930, 11.0460, 20.0860

Protanopia

70.7010, -17.7910, 8.5530

Deuteranopia

71.4260, -9.7670, 6.3050



Tritanopia

72.5400, 16.2750, 7.9150

Trichromacy



Original Color

72.9930, 11.0460, 20.0860

Protanomaly

71.1970, -7.3840, 12.6800

Deuteranomaly

71.8940, -2.1570, 11.5630

Tritanomaly

72.8050, 14.2110, 12.2830

Monochromacy



Original Color

72.9930, 11.0460, 20.0860

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9930, 11.0460, 20.0860 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(96, 57, 95)` looks like.

```
.text, #text, p{  
    color:rgb(96, 57, 95)  
}
```

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(96, 57, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 57, 95) }
```

Border

The CSS property to change the border of an element to YIQ 72.9930, 11.0460, 20.0860 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(96, 57, 95) }
```


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

```
.border{ border-color:rgb(96, 57, 95) }
```

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

Here you see how a box with a 4 pixel rgb(96, 57, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 57, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 57, 95);  
box-shadow:4px 4px 4px 4px rgb(96, 57, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.9930, 11.0460, 20.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 57, 95) }
```

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

```
.background{ background-color: rgb(96, 57,  
95) }
```

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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