

Converting Colors

YIQ(72.2960, 5.8190, 21.2030)

Have a look what the booklet for
YIQ(72.2960, 5.8190, 21.2030)
contains.

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Color

**YIQ(72.2960, 5.8190,
21.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3966
RGB	91, 57, 102
RGB Percent	36%, 22%, 40%
CMY	0.6430, 0.7765, 0.6000
CMYK	0.11, 0.44, 0.00, 0.60
HSL	285°, 28%, 31%
HSV	285°, 44%, 40%
XYZ	8.1777, 6.1097, 13.3179
YIQ	72.2960, 5.8190, 21.2030

Conversions

Conversions Part 2

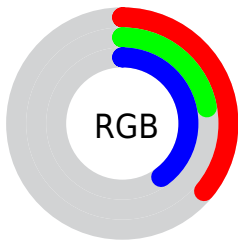
Format	Color
R_{YB}	91, 57, 102
Decimal	5978470
CIE _{Lab}	29.69, 23.80, -20.51
CIE _{LCh}	30, 31.419, 319.256
Yxy	6.1097, 0.2962, 0.2213
Android (android.graphics.Color)	4284168550 (0xFF5B3966)
YUV	72.2960, 14.6441, 16.4034
Hunter-Lab	24.7177, 15.7993, -14.6429

Details

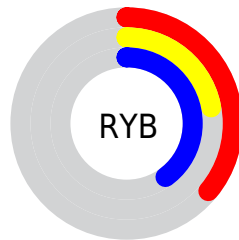
The YIQ color **72.2960, 5.8190, 21.2030** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.7040, -5.8190, -21.2030**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5350, 6.6440, 22.7720**, and **27.0570, 4.9940, 19.6340** is the 20% darker color. If you saturate the color by 10%, you get **65.8280, 7.3770, 26.0090**, and if you desaturate by 10%, it is **79.0630, 4.8570, 16.6090**.

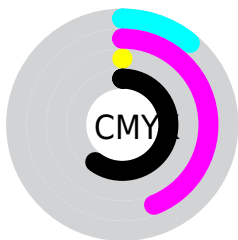
Distribution



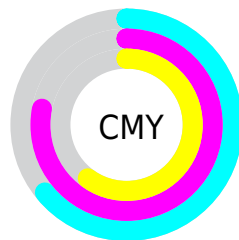
- Red (36%)
- Green (22%)
- Blue (40%)



- Red (36%)
- Yellow (22%)
- Blue (40%)



- Cyan (11%)
- Magenta (44%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2960, 5.8190, 21.2030 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 72.2960, 5.8190, 21.2030 by changing the saturation by 10% instead.

■ 72.2960, 5.8190,
21.2030

■ 72.2960, 5.8190,
21.2030

■ 255.0000, -0.0000,
-0.0000

■ 49.4700, 5.2690,
20.1570

■ 121.5350, 6.6440,
22.7720

■ 27.0570, 4.9940,
19.6340

■ 147.3610, 7.1940,
23.8180

■ 11.6500, 4.5820,
16.0860

■ 174.4750, 6.8730,
24.1290

■ 0.7980, -2.2470,
2.1770

■ 202.1870, 7.7440,
24.8640

■ 0.0000, 0.0000,
0.0000

■ 228.5740, 10.9080,
22.5880

■ 246.1950, 4.1250,

7.8450

■ 72.2960, 5.8190,
21.2030

■ 72.2960, 5.8190,
21.2030

■ 65.8280, 7.3770,
26.0090

■ 79.0630, 4.8570,
16.6090

■ 59.0610, 8.3390,
30.6030

■ 85.5310, 3.2990,
11.8030

■ 52.0060, 10.1720,
35.9320

■ 92.5860, 1.4660,
6.4740

■ 45.2390, 11.1340,
40.5260

■ 99.3530, 0.5040,
1.8800

■ 38.7710, 12.6920,
45.3320

■ 105.8210, -1.0540,
-2.9260

■ 34.6510, 13.1500,
48.0460

■ 112.5880, -2.0160,
-7.5200

■ 119.0560, -3.5740,
-12.3260

■ 126.4100, -4.8110,
-17.4430

■ 132.8780, -6.3690,
-22.2490

Harmonies

Analogous

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



69.2970, -22.2850, 12.9070



72.2960, 5.8190, 21.2030



70.7730, 26.4050, 22.5730

Triad

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



72.2960, 5.8190, 21.2030



68.2310, 29.6660, -9.0060



57.8240, -49.8350, -16.4510

Complementary

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



72.2960, 5.8190, 21.2030



86.7040, -5.8190, -21.2030

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.



54.3870, -41.5350, -23.7030



72.2960, 5.8190, 21.2030



65.5770, 13.7120, -17.2320

Square

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



72.2960, 5.8190, 21.2030



68.7410, 37.4580, 3.9700



62.2520, -10.3580, -21.5420



59.0440, -56.0260, -8.8740

Rectangle

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



72.2960, 5.8190, 21.2030



69.7430, 35.1170, 18.8690



62.2520, -10.3580, -21.5420



56.9120, -47.2670, -18.9390

Sweetspot

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



72.2960, 5.8190, 21.2030



120.9390, 1.9700, 8.3540



68.5870, -17.4700, 8.2420



59.5320, 1.5580, 4.8060



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



72.2960, 5.8190, 21.2030



85.9410, 8.7970, 33.3170



74.3310, 15.9060, 20.1140



47.7660, 0.7790, 2.4030



39.1230, 14.9370, 54.2090



82.3050, 31.3860, 114.0580

Inverse Universe

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



71.7090, 23.2890, 12.9610



85.1670, 36.8590, 20.3390



84.6690, -15.9060, -20.1140



47.6090, 2.6590, 1.3710



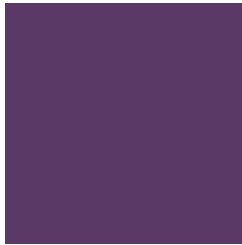
37.5770, 59.5520, 33.0880



79.0840, 125.2930, 69.6530

Previews

White Background



This preview shows how the YIQ color 72.2960, 5.8190, 21.2030 looks on a white background.

Color Contrast Check

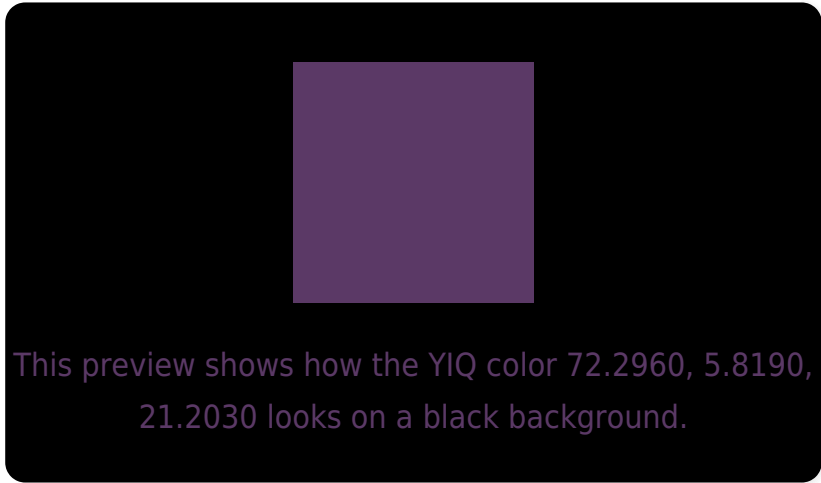
Large Text (above 18pt) WCAG AA ✓ Pass

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

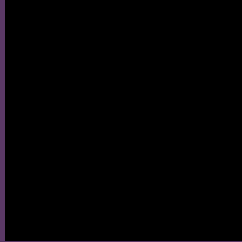
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.2960, 5.8190, 21.2030

Background



This preview shows how black text looks on a background with the YIQ color 72.2960, 5.8190, 21.2030.



This preview shows how white text looks on a background with the YIQ color 72.2960, 5.8190,

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

72.2960, 5.8190, 21.2030

Protanopia

69.4170, -22.7430, 10.1930

Deuteranopia

70.4300, -15.5900, 7.2100



Tritanopia

71.1480, 11.5070, 6.2190

Trichromacy



Original Color

72.2960, 5.8190, 21.2030

Protanomaly

70.5000, -12.6110, 13.7970

Deuteranomaly

70.8980, -7.9800, 12.4680

Tritanomaly

71.3530, 9.6720, 11.9440

Monochromacy



Original Color

72.2960, 5.8190, 21.2030

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.4120, 2.0160, 7.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2960, 5.8190, 21.2030 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(91, 57, 102)` looks like.

```
.text, #text, p{  
    color:rgb(91, 57, 102)  
}
```

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(91, 57, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 57, 102) }
```

Border

The CSS property to change the border of an element to YIQ 72.2960, 5.8190, 21.2030 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(91, 57, 102) }
```


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

```
.border{ border-color:rgb(91, 57, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 57, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 57, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 57, 102);  
box-shadow:4px 4px 4px 4px rgb(91, 57,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 72.2960, 5.8190, 21.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 57, 102) }
```

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

```
.background{ background-color: rgb(91, 57,  
102) }
```

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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