

Converting Colors

YIQ(76.2030, 1.6470, 19.7190)

Have a look what the booklet for
YIQ(76.2030, 1.6470, 19.7190)
contains.

YIQ(76.2030, 1.6470, 19.7190)	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(76.2030, 1.6470,
19.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3F6C
RGB	90, 63, 108
RGB Percent	35%, 25%, 42%
CMY	0.6470, 0.7530, 0.5765
CMYK	0.17, 0.42, 0.00, 0.58
HSL	276°, 26%, 34%
HSV	276°, 42%, 42%
XYZ	8.7020, 6.8112, 15.0414
YIQ	76.2030, 1.6470, 19.7190

Conversions

Conversions Part 2

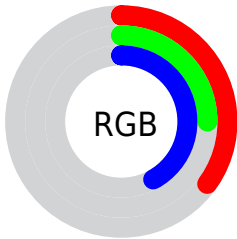
Format	Color
R_{YB}	90, 63, 108
Decimal	5914476
CIE _{Lab}	31.37, 21.16, -21.71
CIE _{LCh}	31, 30.316, 314.262
Yxy	6.8112, 0.2848, 0.2229
Android (android.graphics.Color)	4284104556 (0xFF5A3F6C)
YUV	76.2030, 15.6759, 12.1000
Hunter-Lab	26.0982, 13.8460, -15.9023

Details

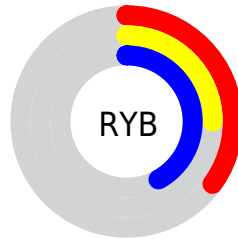
The YIQ color **76.2030, 1.6470, 19.7190** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.7970, -1.6470, -19.7190**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.5560, 2.1510, 21.5990**, and **30.8500, 1.1430, 17.8390** is the 20% darker color. If you saturate the color by 10%, you get **68.5500, 2.2880, 24.6240**, and if you desaturate by 10%, it is **83.8560, 1.0060, 14.8140**.

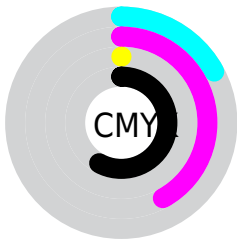
Distribution



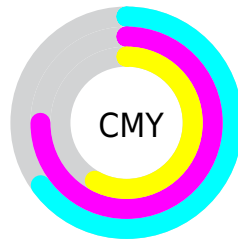
- Red (35%)
- Green (25%)
- Blue (42%)



- Red (35%)
- Yellow (25%)
- Blue (42%)



- Cyan (17%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.2030, 1.6470, 19.7190 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 76.2030, 1.6470, 19.7190 by changing the saturation by 10% instead.

■ 76.2030, 1.6470,
19.7190

■ 76.2030, 1.6470,
19.7190

■ 255.0000, -0.0000,
-0.0000

■ 53.3770, 1.0970,
18.6730

■ 125.5560, 2.1510,
21.5990

■ 30.8500, 1.1430,
17.8390

■ 151.9690, 2.4260,
22.1220

■ 11.9210, 2.3810,
17.4290

■ 178.4960, 2.3800,
22.9560

■ 2.4110, -5.4110,
4.4530

■ 205.9090, 2.6550,
23.4790

■ 0.0000, 0.0000,
0.0000

■ 232.3840, 8.3870,
18.7150

■ 250.3040, 2.2000,

4.1840

■ 76.2030, 1.6470,
19.7190

■ 76.2030, 1.6470,
19.7190

■ 68.5500, 2.2880,
24.6240

■ 83.8560, 1.0060,
14.8140

■ 60.5980, 2.3330,
29.3170

■ 91.8080, 0.9610,
10.1210

■ 53.5320, 2.6990,
33.6990

■ 98.8740, 0.5950,
5.7390

■ 45.8790, 3.3400,
38.6040

■ 106.5270, -0.0460,
0.8340

■ 37.9270, 3.3850,
43.2970

■ 114.4790, -0.0910,
-3.8590

■ 31.7470, 4.0720,
47.3680

■ 122.1320, -0.7320,
-8.7640

■ 129.7850, -1.3730,
-13.6690

■ 137.1500, -1.1430,
-17.8390

■ 144.8030, -1.7840,
-22.7440

Harmonies

Analogous

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



71.7910, -26.7320, 10.9000



76.2030, 1.6470, 19.7190



75.3920, 23.1040, 21.8240

Triad

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



76.2030, 1.6470, 19.7190



72.2960, 31.0410, -6.3910



60.1720, -50.9350, -18.5430

Complementary

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



76.2030, 1.6470, 19.7190



94.7970, -1.6470, -19.7190

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.



57.3330, -41.4430, -25.3710



76.2030, 1.6470, 19.7190



70.1860, 16.3710, -15.8610

Square

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



76.2030, 1.6470, 19.7190



73.2080, 37.6410, 6.1610



67.4160, -4.9480, -20.4680



61.3920, -57.1260, -10.9660

Rectangle

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



76.2030, 1.6470, 19.7190



74.1880, 32.3660, 19.1660



67.4160, -4.9480, -20.4680



59.2600, -48.3670, -21.0310

Sweetspot

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



76.2030, 1.6470, 19.7190



127.3410, 0.7780, 7.9300



78.6960, -19.3950, 4.5810



63.3470, 0.6410, 4.9050



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



76.2030, 1.6470, 19.7190



90.5380, 2.5620, 30.6740



81.0150, 13.9800, 21.9800



49.5810, -0.1380, 2.5020



34.2680, 4.1630, 51.2270



71.8830, 8.9670, 107.3590

Inverse Universe

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



78.5070, 21.0420, 15.1380



94.1220, 32.7320, 23.5480



89.8710, -13.6590, -22.2910



50.0220, 2.9340, 1.8940



40.3410, 54.6450, 39.4210



84.4270, 114.5620, 82.4180

Previews

White Background



This preview shows how the YIQ color 76.2030, 1.6470, 19.7190 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 76.2030, 1.6470, 19.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

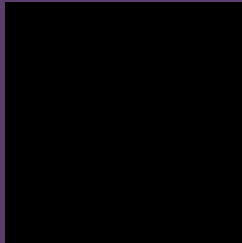
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.2030, 1.6470, 19.7190

Background



This preview shows how black text looks on a background with the YIQ color 76.2030, 1.6470, 19.7190.

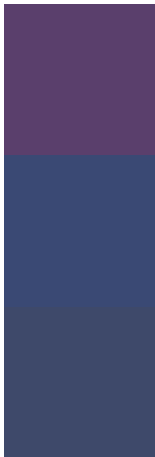


This preview shows how white text looks on a background with the YIQ color 76.2030, 1.6470,

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

76.2030, 1.6470, 19.7190

Protanopia

73.4170, -22.7430, 10.1930

Deuteranopia

73.4730, -17.1490, 7.9310



Tritanopia

75.1690, 7.0140, 5.0460

Trichromacy



Original Color

76.2030, 1.6470, 19.7190

Protanomaly

74.3150, -13.5280, 13.8960

Deuteranomaly

74.2290, -10.4100, 12.4540

Tritanomaly

75.3740, 5.1790, 10.7710

Monochromacy



Original Color

76.2030, 1.6470, 19.7190

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.2030, 1.6470, 19.7190 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(90, 63, 108)` looks like.

```
.text, #text, p{  
    color:rgb(90, 63, 108)  
}
```

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(90, 63, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 63, 108) }
```

Border

The CSS property to change the border of an element to YIQ 76.2030, 1.6470, 19.7190 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(90, 63, 108) }
```


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

```
.border{ border-color:rgb(90, 63, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 63, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 63, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 63, 108);  
box-shadow:4px 4px 4px 4px rgb(90, 63,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 76.2030, 1.6470, 19.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 63, 108) }
```

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

```
.background{ background-color: rgb(90, 63,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor