

Converting Colors

YIQ(76.1800, 8.4810, 5.9930)

Have a look what the booklet for
YIQ(76.1800, 8.4810, 5.9930)
contains.

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Color

YIQ(76.1800, 8.4810, 5.9930)

Conversions

Conversions Part 1

Format	Color
Hex	58464D
RGB	88, 70, 77
RGB Percent	35%, 27%, 30%
CMY	0.6549, 0.7255, 0.6980
CMYK	0.00, 0.20, 0.13, 0.65
HSL	337°, 11%, 31%
HSV	337°, 20%, 35%
XYZ	7.5551, 6.9906, 7.9736
YIQ	76.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

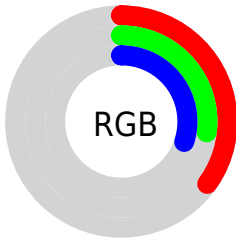
Format	Color
RYB	88, 70, 77
Decimal	5785165
CIELab	31.79, 9.01, -1.29
CIElCh	32, 9.103, 351.877
Yxy	6.9906, 0.3355, 0.3104
Android (android.graphics.Color)	4283975245 (0xFF58464D)
YUV	76.1800, 0.4043, 10.3661
Hunter-Lab	26.4397, 4.7368, 0.6273

Details

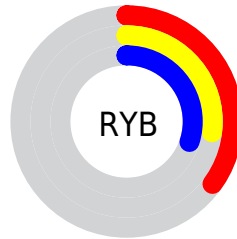
The YIQ color **76.1800, 8.4810, 5.9930** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.8200, -8.4810, -5.9930**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.8920, 9.3520, 6.7280**, and **32.1690, 7.0140, 5.0460** is the 20% darker color. If you saturate the color by 10%, you get **70.3270, 12.5610, 9.1450**, and if you desaturate by 10%, it is **82.0330, 4.4010, 2.8410**.

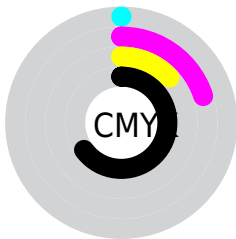
Distribution



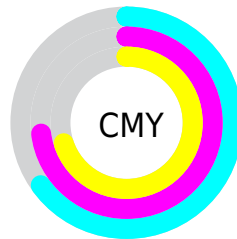
- Red (35%)
- Green (27%)
- Blue (30%)



- Red (35%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (65%)



- Cyan (65%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.1800, 8.4810, 5.9930 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 76.1800, 8.4810, 5.9930 by changing the saturation by 10% instead.

■ 76.1800, 8.4810,
5.9930

■ 76.1800, 8.4810,
5.9930

■ 255.0000, -0.0000,
-0.0000

■ 53.7670, 8.2060,
5.4700

■ 124.8920, 9.3520,
6.7280

■ 32.1690, 7.0140,
5.0460

■ 150.8920, 9.3520,
6.7280

■ 8.0170, 10.4980,
7.9860

■ 178.0770, 10.2690,
6.6290

■ 0.0000, 0.0000,
0.0000

■ 205.4900, 10.5440,
7.1520

■ 233.4900, 10.5440,
7.1520

■ 76.1800, 8.4810,
5.9930

■ 76.1800, 8.4810,
5.9930

■ 70.3270, 12.5610,
9.1450

■ 82.0330, 4.4010,
2.8410

■ 64.3600, 16.9620,
11.9860

■ 88.0000, -0.0000,
-0.0000

■ 59.0940, 20.7670,
14.6150

■ 93.2660, -3.8050,
-2.6290

■ 53.2410, 24.8470,
17.7670

■ 99.2330, -8.2060,
-5.4700

■ 47.2740, 29.2480,
20.6080

■ 105.0860,
-12.2860, -8.6220

■ 41.4210, 33.3280,
23.7600

■ 110.9390,
-16.3660, -11.7740

■ 35.4540, 37.7290,
26.6010

■ 116.9060,
-20.7670, -14.6150

■ 30.1880, 41.5340,

■ 122.1720,

29.2300

-24.5720, -17.2440

■ 128.0250,
-28.6520, -20.3960

Harmonies

Analogous

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



75.7710, 2.3830, 6.3750



76.1800, 8.4810, 5.9930



75.9800, 11.9200, 4.2400

Triad

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



76.1800, 8.4810, 5.9930



74.1050, 3.8980, -4.5660



72.9320, -14.4880, -1.7520

Complementary

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



76.1800, 8.4810, 5.9930



81.8200, -8.4810, -5.9930

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.



72.2370, -14.0290, -4.5650



76.1800, 8.4810, 5.9930



73.3430, -2.7040, -6.0640

Square

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



76.1800, 8.4810, 5.9930



74.9100, 8.9410, -2.3470



72.6350, -9.3980, -5.8940



73.8940, -11.3250, 1.4990

Rectangle

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



76.1800, 8.4810, 5.9930



75.8120, 12.3330, 2.2610



72.6350, -9.3980, -5.8940



72.4050, -14.4420, -2.5860

Sweetspot

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



76.1800, 8.4810, 5.9930



110.4350, 3.2090, 2.4170



75.3410, 0.7780, 7.9300



56.3100, 2.0630, 1.1590



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



76.1800, 8.4810, 5.9930



95.9250, 13.7530, 9.5690



76.5560, 10.1780, 2.7700



40.4240, 1.7420, 1.4700



36.7810, 50.2900, 35.7460



80.6390, 110.8490, 78.1210

Inverse Universe

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



76.1800, 8.4810, 5.9930



95.9250, 13.7530, 9.5690



81.4440, -10.1780, -2.7700



40.4240, 1.7420, 1.4700



36.7810, 50.2900, 35.7460



80.6390, 110.8490, 78.1210

Previews

White Background



This preview shows how the YIQ color 76.1800, 8.4810, 5.9930 looks on a white background.

Color Contrast Check

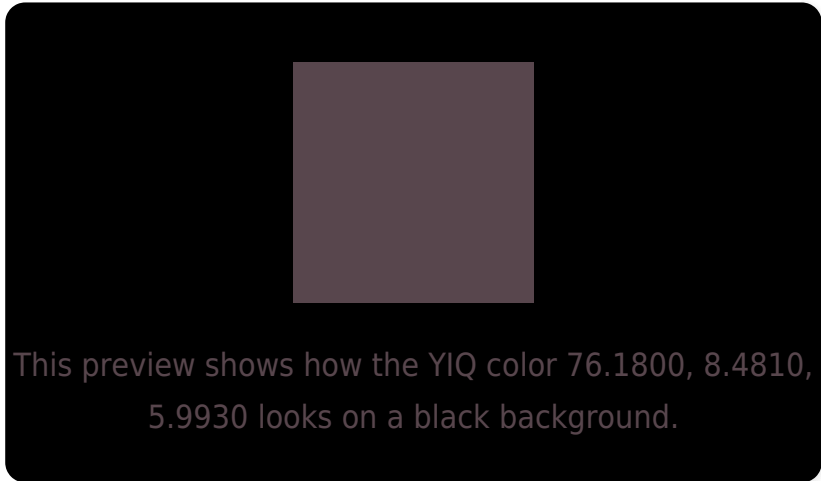
Large Text (above 18pt) WCAG AA ✓ Pass

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

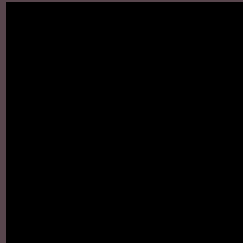
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.1800, 8.4810, 5.9930

Background



This preview shows how black text looks on a background with the YIQ color 76.1800, 8.4810, 5.9930.



This preview shows how white text looks on a background with the YIQ color 76.1800, 8.4810, 5.9930.

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

76.1800, 8.4810, 5.9930

Protanopia

74.9830, -1.3300, 2.0780

Deuteranopia

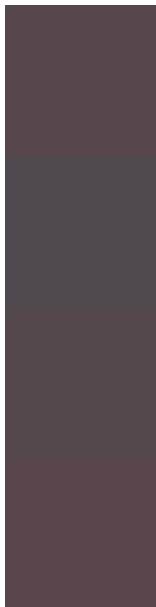
75.8480, 3.4840, 2.9400



Tritanopia

76.0660, 8.8020, 5.6820

Trichromacy



Original Color

76.1800, 8.4810, 5.9930

Protanomaly

75.7770, 2.2460, 3.3500

Deuteranomaly

76.1580, 5.5470, 4.0990

Tritanomaly

76.0660, 8.8020, 5.6820

Monochromacy



Original Color

76.1800, 8.4810, 5.9930

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.1800, 8.4810, 5.9930 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(88, 70, 77)` looks like.

```
.text, #text, p{  
    color:rgb(88, 70, 77)  
}
```

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(88, 70, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 70, 77) }
```

Border

The CSS property to change the border of an element to YIQ 76.1800, 8.4810, 5.9930 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(88, 70, 77) }
```

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

```
.border{ border-color:rgb(88, 70, 77) }
```

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

Here you see how a box with a 4 pixel rgb(88, 70, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 70, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 70, 77);  
box-shadow:4px 4px 4px 4px rgb(88, 70, 77)  
}
```


Background

The CSS property to change the background color of an element to YIQ 76.1800, 8.4810, 5.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 70, 77) }
```

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

```
.background{ background-color: rgb(88, 70,  
77) }
```

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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