

Converting Colors

YIQ(56.8130, 19.7600, 5.3280)

Have a look what the booklet for
YIQ(56.8130, 19.7600, 5.3280)
contains.

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Color

**YIQ(56.8130, 19.7600,
5.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	4F302C
RGB	79, 48, 44
RGB Percent	31%, 19%, 17%
CMY	0.6901, 0.8118, 0.8274
CMYK	0.00, 0.39, 0.44, 0.69
HSL	7°, 28%, 24%
HSV	7°, 44%, 31%
XYZ	4.7374, 3.9579, 2.8992
YIQ	56.8130, 19.7600, 5.3280

Conversions

Conversions Part 2

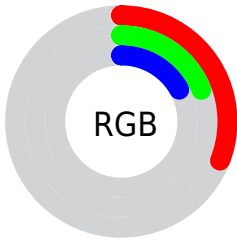
Format	Color
R_{YB}	79, 49, 44
Decimal	5189676
CIE _{Lab}	23.53, 13.61, 8.44
CIE _{LCh}	24, 16.015, 31.787
Yxy	3.9579, 0.4086, 0.3414
Android (android.graphics.Color)	4283379756 (0xFF4F302C)
YUV	56.8130, -6.3168, 19.4580
Hunter-Lab	19.8944, 7.6903, 5.2859




Details

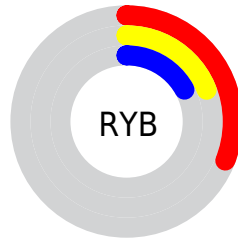
The YIQ color **56.8130, 19.7600, 5.3280** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.1870, -19.7600, -5.3280**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.1940, 23.0610, 6.0770**, and **11.6390, 20.3100, 6.3740** is the 20% darker color. If you saturate the color by 10%, you get **51.7920, 24.2530, 6.5010**, and if you desaturate by 10%, it is **61.8340, 15.2670, 4.1550**.

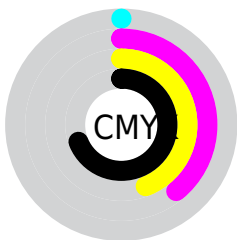
Distribution







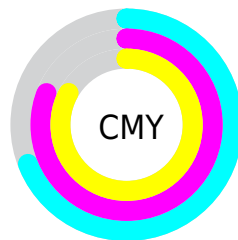
-  Red (31%)
-  Green (19%)
-  Blue (17%)






-  Red (31%)
-  Yellow (19%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (44%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (81%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.8130, 19.7600, 5.3280 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 56.8130, 19.7600, 5.3280 by changing the saturation by 10% instead.

■ 56.8130, 19.7600,
5.3280

■ 56.8130, 19.7600,
5.3280

■ 255.0000, -0.0000,
-0.0000

■ 34.9160, 17.9720,
4.6920

■ 104.1940, 23.0610,
6.0770

■ 11.6390, 20.3100,
6.3740

■ 129.4930, 23.6570,
6.2890

■ 0.0000, 0.0000,
0.0000

■ 155.6780, 24.5740,
6.1900

■ 182.9770, 25.1700,
6.4020

■ 210.5750, 26.3620,
6.8260

■ 234.6880, 18.6140,

4.0700

254.3160, 1.9260,
-1.8660

56.8130, 19.7600,
5.3280

56.8130, 19.7600,
5.3280

51.7920, 24.2530,
6.5010

61.8340, 15.2670,
4.1550

46.7710, 28.7460,
7.6740

66.8550, 10.7740,
2.9820

41.7500, 33.2390,
8.8470

71.8760, 6.2810,
1.8090

36.7290, 37.7320,
10.0200

76.8970, 1.7880,
0.6360

31.8220, 41.9040,
11.5040

81.9180, -2.7050,
-0.5370

■ 28.9040, 44.6090,
12.0410

■ 86.8250, -6.8770,
-2.0210

■ 91.8460, -11.3700,
-3.1940

■ 96.8670, -15.8630,
-4.3670

■ 101.8880,
-20.3560, -5.5400

Harmonies

Analogous

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



57.5940, 16.1830, 9.5830



56.8130, 19.7600, 5.3280



55.7540, 18.2480, -0.3120

Triad

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



56.8130, 19.7600, 5.3280



51.8860, -8.8470, -10.3750



54.5390, -17.5150, 3.5490

Complementary

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



56.8130, 19.7600, 5.3280



66.1870, -19.7600, -5.3280

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.



50.2770, -28.7010, -2.9810



56.8130, 19.7600, 5.3280



49.9430, -22.1890, -10.8690

Square

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



56.8130, 19.7600, 5.3280



53.8720, 2.9360, -9.1600



47.7340, -31.7260, -8.7340



57.1170, -4.4030, 8.2130

Rectangle

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



56.8130, 19.7600, 5.3280



55.3790, 14.8100, -4.0860



47.7340, -31.7260, -8.7340



53.3320, -21.3660, 1.7540

Sweetspot

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



56.8130, 19.7600, 5.3280



93.4740, 7.4730, 2.2330



58.1130, 10.5880, 17.3720



45.9790, 4.4930, 1.1730



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



56.8130, 19.7600, 5.3280



67.6680, 30.5340, 8.3100



66.7920, 15.0850, -3.5630



35.7830, 2.1090, 0.3250



37.5420, 57.4920, 15.3480



84.0320, 129.9300, 35.1620

Inverse Universe

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



66.1870, -19.7600, -5.3280



82.3320, -30.5340, -8.3100



56.2080, -15.0850, 3.5630



36.8040, -2.3840, -0.8480



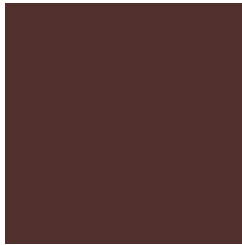
64.4580, -57.4920, -15.3480



145.3810, -129.6550, -34.6390

Previews

White Background



This preview shows how the YIQ color 56.8130, 19.7600, 5.3280 looks on a white background.

Color Contrast Check

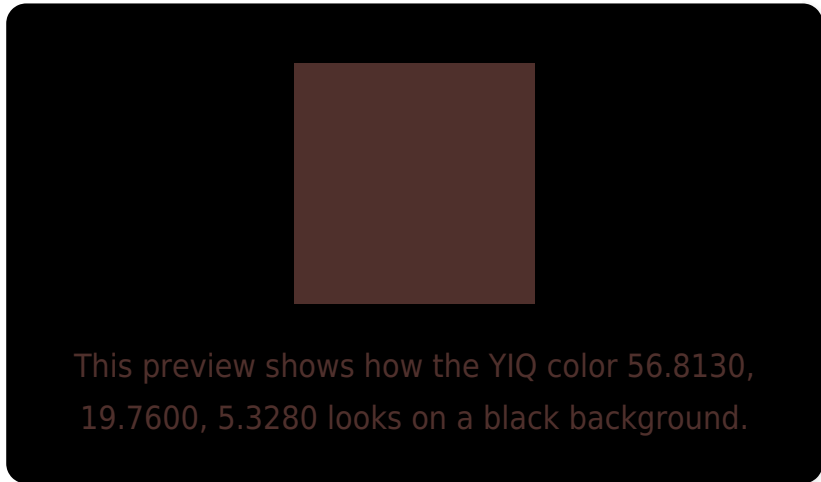
Large Text (above 18pt) WCAG AA ✓ Pass

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

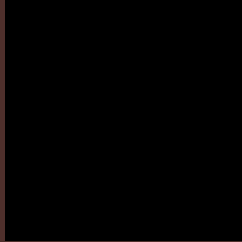
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.8130, 19.7600, 5.3280

Background



This preview shows how black text looks on a background with the YIQ color 56.8130, 19.7600, 5.3280.

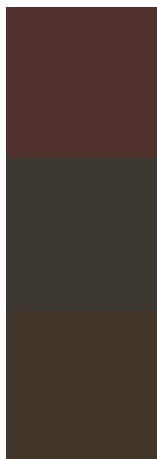


This preview shows how white text looks on a background with the YIQ color 56.8130, 19.7600,

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

56.8130, 19.7600, 5.3280

Protanopia

55.9850, 4.3560, -1.8520

Deuteranopia

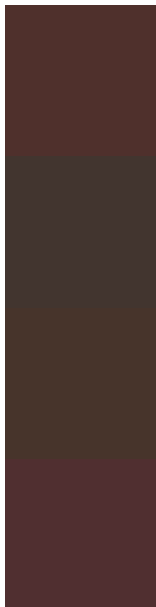
56.3340, 10.6830, -0.8770



Tritanopia

57.3230, 18.3840, 8.2400

Trichromacy



Original Color

56.8130, 19.7600, 5.3280

Protanomaly

56.2030, 9.6740, 0.8900

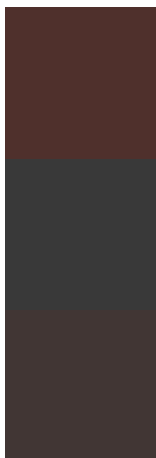
Deuteranomaly

56.6550, 14.2130, 1.2290

Tritanomaly

56.9810, 19.3470, 7.3070

Monochromacy



Original Color

56.8130, 19.7600, 5.3280

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0610, 7.1980, 1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.8130, 19.7600, 5.3280 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(79, 48, 44)` looks like.

```
.text, #text, p{  
    color:rgb(79, 48, 44)  
}
```

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(79, 48, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 48, 44) }
```

Border

The CSS property to change the border of an element to YIQ 56.8130, 19.7600, 5.3280 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(79, 48, 44) }
```


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

```
.border{ border-color:rgb(79, 48, 44) }
```

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

Here you see how a box with a 4 pixel rgb(79, 48, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 48, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 48, 44);  
box-shadow:4px 4px 4px 4px rgb(79, 48, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.8130, 19.7600, 5.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 48, 44) }
```

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

```
.background{ background-color: rgb(79, 48,  
44) }
```

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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