

Converting Colors

YIQ(56.3880, 19.7590, 10.8550)

Have a look what the booklet for
YIQ(56.3880, 19.7590, 10.8550)
contains.

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Color

**YIQ(56.3880, 19.7590,
10.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	522C35
RGB	82, 44, 53
RGB Percent	32%, 17%, 21%
CMY	0.6783, 0.8275, 0.7921
CMYK	0.00, 0.46, 0.35, 0.68
HSL	346°, 30%, 25%
HSV	346°, 46%, 32%
XYZ	5.0249, 3.8523, 3.8491
YIQ	56.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

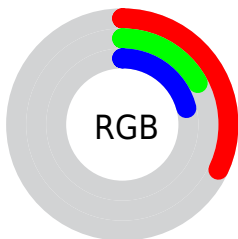
Format	Color
RYB	82, 44, 53
Decimal	5385269
CIELab	23.18, 18.79, 1.91
CIElCh	23, 18.888, 5.797
Yxy	3.8523, 0.3948, 0.3027
Android (android.graphics.Color)	4283575349 (0xFF522C35)
YUV	56.3880, -1.6703, 22.4617
Hunter-Lab	19.6273, 11.3511, 2.1119

Details

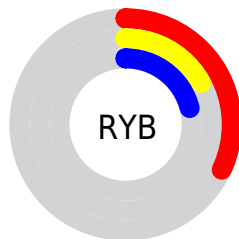
The YIQ color **56.3880, 19.7590, 10.8550** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.6120, -19.7590, -10.8550**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8830, 22.7390, 11.9150**, and **12.2740, 20.0800, 10.5440** is the 20% darker color. If you saturate the color by 10%, you get **51.0080, 23.8850, 13.1730**, and if you desaturate by 10%, it is **61.7680, 15.6330, 8.5370**.

Distribution



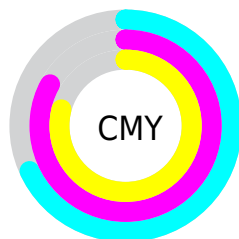
- Red (32%)
- Green (17%)
- Blue (21%)



- Red (32%)
- Yellow (17%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (68%)



- Cyan (68%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.3880, 19.7590, 10.8550 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 56.3880, 19.7590, 10.8550 by changing the saturation by 10% instead.

■ 56.3880, 19.7590,
10.8550

■ 56.3880, 19.7590,
10.8550

■ 255.0000, -0.0000,
-0.0000

■ 33.9040, 18.2460,
10.7420

■ 103.8830, 22.7390,
11.9150

■ 12.2740, 20.0800,
10.5440

■ 129.1820, 23.3350,
12.1270

■ 0.0000, 0.0000,
0.0000

■ 155.7800, 24.5270,
12.5510

■ 183.0790, 25.1230,
12.7630

■ 210.6770, 26.3150,
13.1870

■ 233.5940, 16.1830,

9.5830

253.2390, 0.8250,
1.5690

56.3880, 19.7590,
10.8550

56.3880, 19.7590,
10.8550

51.0080, 23.8850,
13.1730

61.7680, 15.6330,
8.5370

45.6280, 28.0110,
15.4910

67.2620, 11.1860,
6.5300

39.5470, 32.7330,
18.0210

73.2290, 6.7850,
3.6890

34.1670, 36.8590,
20.3390

78.6090, 2.6590,
1.3710

28.7870, 40.9850,
22.6570

83.9890, -1.4670,
-0.9470

■ 26.6840, 42.7730,
23.2930

■ 89.4830, -5.9140,
-2.9540

■ 94.8630, -10.0400,
-5.2720

■ 100.8300,
-14.4410, -8.1130

■ 106.2100,
-18.5670, -10.4310

Harmonies

Analogous

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



57.0650, 10.5430, 12.6790



56.3880, 19.7590, 10.8550



55.6670, 23.1070, 5.2430

Triad

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



56.3880, 19.7590, 10.8550



52.3340, 1.5150, -10.9410



46.8460, -37.7330, -4.4930

Complementary

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



56.3880, 19.7590, 10.8550



69.6120, -19.7590, -10.8550

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.



44.4880, -39.8410, -10.3450



56.3880, 19.7590, 10.8550



49.9670, -13.5690, -12.9050

Square

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



56.3880, 19.7590, 10.8550



53.9010, 13.1600, -7.2240



44.7890, -33.5590, -14.0630



53.6960, -19.3950, 4.5810

Rectangle

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



56.3880, 19.7590, 10.8550



55.4340, 22.1450, 0.6490



44.7890, -33.5590, -14.0630



44.6990, -41.8130, -7.6450

Sweetspot

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



56.3880, 19.7590, 10.8550



96.9410, 7.6560, 4.4240



57.0030, 5.0860, 17.9660



47.3320, 4.9970, 3.0530



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



56.3880, 19.7590, 10.8550



66.5360, 31.2660, 17.0740



60.6450, 20.1730, 3.3490



38.3100, 2.0630, 1.1590



34.2450, 54.5550, 30.0350



75.6380, 120.6170, 66.2890

Inverse Universe

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



56.3880, 19.7590, 10.8550



66.5360, 31.2660, 17.0740



65.3550, -20.1730, -3.3490



38.3100, 2.0630, 1.1590



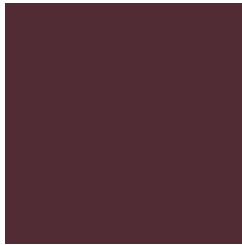
34.2450, 54.5550, 30.0350



75.6380, 120.6170, 66.2890

Previews

White Background



This preview shows how the YIQ color 56.3880, 19.7590, 10.8550 looks on a white background.

Color Contrast Check

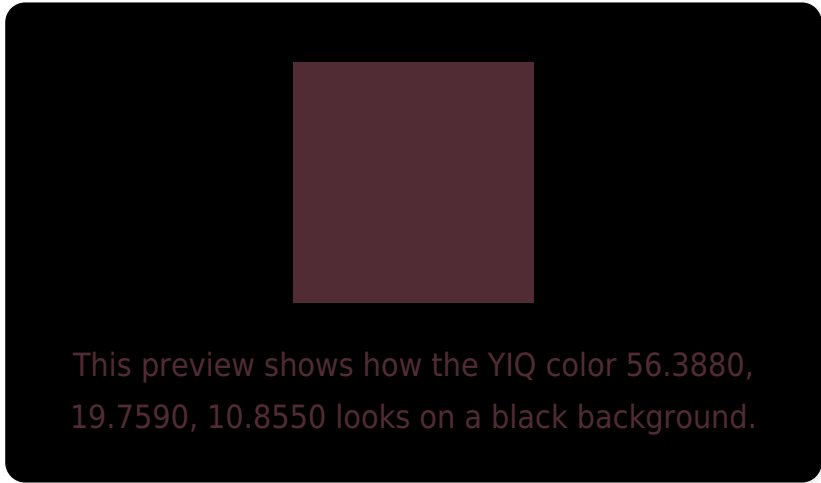
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.3880, 19.7590, 10.8550

Background



This preview shows how black text looks on a background with the YIQ color 56.3880, 19.7590, 10.8550.



This preview shows how white text looks on a background with the YIQ color 56.3880, 19.7590,

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

56.3880, 19.7590, 10.8550

Protanopia

55.8690, -1.0090, 1.7670

Deuteranopia

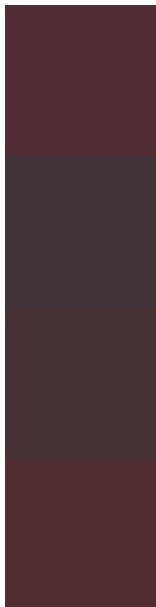
56.3490, 6.3270, 0.9750



Tritanopia

56.4050, 21.0890, 8.7770

Trichromacy



Original Color

56.3880, 19.7590, 10.8550

Protanomaly

55.8700, 6.4180, 4.8340

Deuteranomaly

56.2080, 11.2780, 4.8620

Tritanomaly

56.6330, 20.4470, 9.3990

Monochromacy



Original Color

56.3880, 19.7590, 10.8550

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.3880, 19.7590, 10.8550 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(82, 44, 53)` looks like.

```
.text, #text, p{  
    color:rgb(82, 44, 53)  
}
```

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(82, 44, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 44, 53) }
```

Border

The CSS property to change the border of an element to YIQ 56.3880, 19.7590, 10.8550 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(82, 44, 53) }
```


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

```
.border{ border-color:rgb(82, 44, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 44, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 44, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 44, 53);  
box-shadow:4px 4px 4px 4px rgb(82, 44, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.3880, 19.7590, 10.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 44, 53) }
```

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

```
.background{ background-color: rgb(82, 44,  
53) }
```

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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