

Converting Colors

YIQ(56.0880, 11.7360, 7.5760)

Have a look what the booklet for
YIQ(56.0880, 11.7360, 7.5760)
contains.

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Color

**YIQ(56.0880, 11.7360,
7.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	483038
RGB	72, 48, 56
RGB Percent	28%, 19%, 22%
CMY	0.7176, 0.8118, 0.7804
CMYK	0.00, 0.33, 0.22, 0.72
HSL	340°, 20%, 24%
HSV	340°, 33%, 28%
XYZ	4.4443, 3.7770, 4.2375
YIQ	56.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

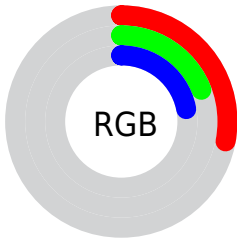
Format	Color
RYB	72, 48, 56
Decimal	4730936
CIELab	22.92, 12.37, -0.67
CIElCh	23, 12.391, 356.887
Yxy	3.7770, 0.3567, 0.3032
Android (android.graphics.Color)	4282921016 (0xFF483038)
YUV	56.0880, -0.0434, 13.9548
Hunter-Lab	19.4346, 6.8086, 0.6767

Details

The YIQ color **56.0880, 11.7360, 7.5760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.9120, -11.7360, -7.5760**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0990, 13.2030, 8.5230**, and **11.0390, 13.4320, 9.8800** is the 20% darker color. If you saturate the color by 10%, you get **51.4090, 15.2660, 9.6820**, and if you desaturate by 10%, it is **60.7670, 8.2060, 5.4700**.

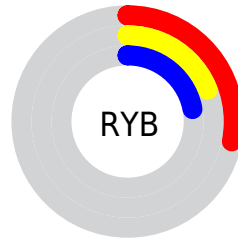
Distribution



Red (28%)

Green (19%)

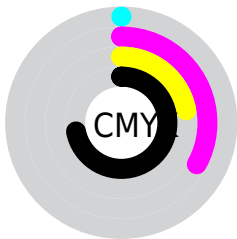
Blue (22%)



Red (28%)

Yellow (19%)

Blue (22%)

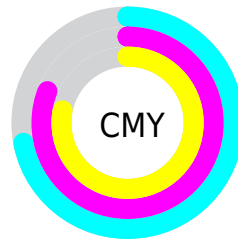


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (72%)



Cyan (72%)

Magenta (81%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.0880, 11.7360, 7.5760 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 56.0880, 11.7360, 7.5760 by changing the saturation by 10% instead.

■ 56.0880, 11.7360,
7.5760

■ 56.0880, 11.7360,
7.5760

■ 255.0000, -0.0000,
-0.0000

■ 34.4900, 10.5440,
7.1520

■ 103.0990, 13.2030,
8.5230

■ 11.0390, 13.4320,
9.8800

■ 128.3980, 13.7990,
8.7350

■ 0.0000, 0.0000,
0.0000

■ 154.6970, 14.3950,
8.9470

■ 181.1100, 14.6700,
9.4700

■ 208.9960, 14.9910,
9.1590

■ 236.3980, 13.7990,

8.7350

■ 56.0880, 11.7360,
7.5760

■ 56.0880, 11.7360,
7.5760

■ 51.4090, 15.2660,
9.6820

■ 60.7670, 8.2060,
5.4700

■ 46.7300, 18.7960,
11.7880

■ 65.4460, 4.6760,
3.3640

■ 41.5780, 22.2800,
14.7280

■ 70.5980, 1.1920,
0.4240

■ 36.8990, 25.8100,
16.8340

■ 75.2770, -2.3380,
-1.6820

■ 32.2200, 29.3400,
18.9400

■ 79.9560, -5.8680,
-3.7880

■ 27.5410, 32.8700,
21.0460

■ 84.6350, -9.3980,
-5.8940

■ 24.2640, 35.2080,
22.7280

■ 89.3140, -12.9280,
-8.0000

■ 94.4660, -16.4120,
-10.9400

■ 99.1450, -19.9420,
-13.0460

Harmonies

Analogous

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



56.4940, 4.7210, 8.0570



56.0880, 11.7360, 7.5760



55.3610, 15.2210, 4.9890

Triad

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



56.0880, 11.7360, 7.5760



53.6380, 3.7150, -6.7570



50.9960, -20.5400, -2.2040

Complementary

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



56.0880, 11.7360, 7.5760



63.9120, -11.7360, -7.5760

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.



50.4750, -20.6310, -6.0630



56.0880, 11.7360, 7.5760



52.2070, -5.3170, -8.2690

Square

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



56.0880, 11.7360, 7.5760



54.3400, 10.5460, -3.9020



50.8300, -14.4410, -8.1130



53.7520, -13.8010, 2.3190

Rectangle

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



56.0880, 11.7360, 7.5760



55.3670, 15.0840, 1.9640



50.8300, -14.4410, -8.1130



50.7570, -21.3650, -3.7730

Sweetspot

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



56.0880, 11.7360, 7.5760



88.0330, 4.4010, 2.8410



55.5200, 1.8320, 10.8560



44.7230, 2.3380, 1.6820



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



56.0880, 11.7360, 7.5760



69.4310, 18.2000, 11.5760



57.5240, 13.2040, 2.9960



33.3100, 2.0630, 1.1590



33.3630, 48.4110, 31.2510



76.5370, 110.8960, 71.7600

Inverse Universe

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



56.0880, 11.7360, 7.5760



69.4310, 18.2000, 11.5760



62.4760, -13.2040, -2.9960



33.3100, 2.0630, 1.1590



33.3630, 48.4110, 31.2510



76.5370, 110.8960, 71.7600

Previews

White Background



This preview shows how the YIQ color 56.0880, 11.7360, 7.5760 looks on a white background.

Color Contrast Check

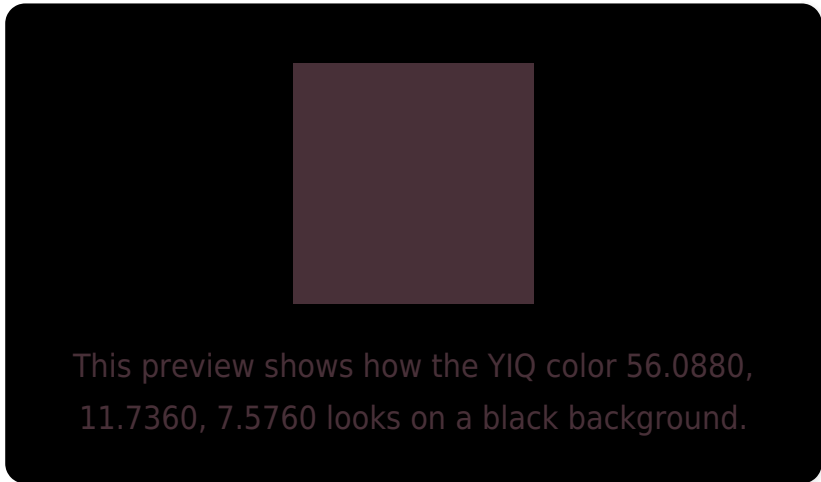
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.0880, 11.7360, 7.5760

Background



This preview shows how black text looks on a background with the YIQ color 56.0880, 11.7360, 7.5760.



This preview shows how white text looks on a background with the YIQ color 56.0880, 11.7360,

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

56.0880, 11.7360, 7.5760

Protanopia

55.2710, -2.2010, 1.3430

Deuteranopia

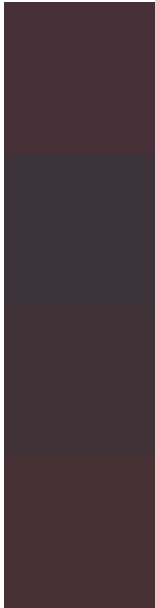
55.3210, 3.5300, 2.1060



Tritanopia

56.2190, 12.7450, 5.8090

Trichromacy



Original Color

56.0880, 11.7360, 7.5760

Protanomaly

55.4890, 3.1170, 4.0850

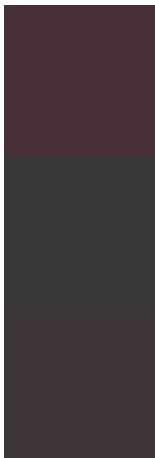
Deuteranomaly

55.3430, 6.4640, 4.0000

Tritanomaly

56.3330, 12.4240, 6.1200

Monochromacy



Original Color

56.0880, 11.7360, 7.5760

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.0880, 11.7360, 7.5760 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(72, 48, 56)` looks like.

```
.text, #text, p{  
    color:rgb(72, 48, 56)  
}
```

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(72, 48, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 48, 56) }
```

Border

The CSS property to change the border of an element to YIQ 56.0880, 11.7360, 7.5760 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(72, 48, 56) }
```


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

```
.border{ border-color:rgb(72, 48, 56) }
```

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

Here you see how a box with a 4 pixel rgb(72, 48, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 48, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 48, 56);  
box-shadow:4px 4px 4px 4px rgb(72, 48, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.0880, 11.7360, 7.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 48, 56) }
```

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

```
.background{ background-color: rgb(72, 48,  
56) }
```

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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