

Converting Colors

YIQ(56.9990, 18.9360, -1.7680)

Have a look what the booklet for
YIQ(56.9990, 18.9360, -1.7680)
contains.

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Color

**YIQ(56.9990, 18.9360,
-1.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3521
RGB	74, 53, 33
RGB Percent	29%, 21%, 13%
CMY	0.7098, 0.7922, 0.8705
CMYK	0.00, 0.28, 0.55, 0.71
HSL	29°, 38%, 21%
HSV	29°, 55%, 29%
XYZ	4.3723, 4.1116, 2.0037
YIQ	56.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

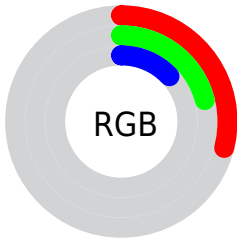
Format	Color
R_{YB}	74, 72, 33
Decimal	4863265
CIE Lab	24.04, 6.58, 16.23
CIE LCh	24, 17.511, 67.922
Yxy	4.1116, 0.4169, 0.3920
Android (android.graphics.Color)	4283053345 (0xFF4A3521)
YUV	56.9990, -11.8315, 14.9099
Hunter-Lab	20.2770, 3.0051, 8.3350

Details

The YIQ color **56.9990, 18.9360, -1.7680** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **50.0010, -18.9360, 1.7680**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.6680, 21.3660, -1.7540**, and **13.9540, 14.8090, 1.4410** is the 20% darker color. If you saturate the color by 10%, you get **53.8530, 22.2830, -1.8530**, and if you desaturate by 10%, it is **60.1450, 15.5890, -1.6830**.

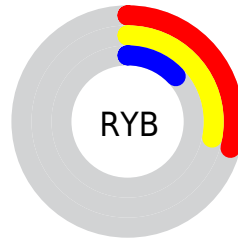
Distribution



Red (29%)

Green (21%)

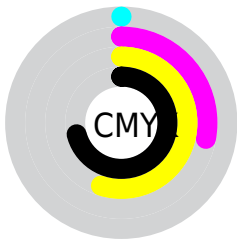
Blue (13%)



Red (29%)

Yellow (28%)

Blue (13%)

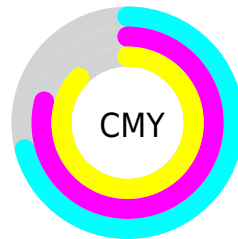


Cyan (0%)

Magenta (28%)

Yellow (55%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9990, 18.9360, -1.7680 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 56.9990, 18.9360, -1.7680 by changing the saturation by 10% instead.

■ 56.9990, 18.9360,
-1.7680

■ 56.9990, 18.9360,
-1.7680

■ 255.0000, -0.0000,
-0.0000

■ 35.2870, 18.0650,
-2.5030

■ 104.6680, 21.3660,
-1.7540

■ 13.9540, 14.8090,
1.4410

■ 129.5650, 23.1540,
-1.1180

■ 0.0000, 0.0000,
0.0000

■ 155.7500, 24.0710,
-1.2170

■ 182.6360, 24.3920,
-1.5280

■ 210.1200, 25.9050,
-1.4150

■ 236.6140, 21.4580,

-3.4220

■ 252.7200, 6.4200,
-6.2200

■ 56.9990, 18.9360,
-1.7680

■ 56.9990, 18.9360,
-1.7680

■ 53.8530, 22.2830,
-1.8530

■ 60.1450, 15.5890,
-1.6830

■ 50.5930, 25.9510,
-2.2490

■ 63.4050, 11.9210,
-1.2870

■ 48.0340, 29.0230,
-2.8570

■ 65.9640, 8.8490,
-0.6790

■ 44.7740, 32.6910,
-3.2530

■ 69.2240, 5.1810,
-0.2830

■ 43.2580, 34.2040,
-3.1400

■ 72.3700, 1.8340,
-0.1980

■ 75.5160, -1.5130,
-0.1130

■ 78.7760, -5.1810,
0.2830

■ 81.3350, -8.2530,
0.8910

■ 84.5950, -11.9210,
1.2870

Harmonies

Analogous

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



57.7700, 21.3190, 4.6070



56.9990, 18.9360, -1.7680



55.5310, 11.3260, -7.0260

Triad

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



56.9990, 18.9360, -1.7680



48.5940, -28.5160, -11.8440



58.2530, -1.7900, 10.4180

Complementary

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



56.9990, 18.9360, -1.7680



50.0010, -18.9360, 1.7680

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.



56.0770, -16.0940, 5.3300



56.9990, 18.9360, -1.7680



46.7870, -39.2450, -10.1330

Square

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



56.9990, 18.9360, -1.7680



51.9070, -13.3400, -11.5480



51.3200, -30.2600, -2.2600



58.8370, 11.1850, 12.0570

Rectangle

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



56.9990, 18.9360, -1.7680



54.8290, 4.4950, -9.8810



51.3200, -30.2600, -2.2600



57.8610, -6.5580, 8.7220

Sweetspot

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



56.9990, 18.9360, -1.7680



89.7790, 7.9320, -0.5800



47.6530, 17.6950, 15.2230



44.0390, 4.2640, -0.1840



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.



56.9990, 18.9360, -1.7680



70.3330, 29.6190, -2.6450



68.7390, 13.4360, -12.2280



36.3700, 1.8340, -0.1980



59.8480, 47.0420, -4.5260



134.5140, 106.2800, -9.8160

Inverse Universe

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



50.0010, -18.9360, 1.7680



59.6670, -29.6190, 2.6450



38.2610, -13.4360, 12.2280



35.6300, -1.8340, 0.1980



42.1520, -47.0420, 4.5260



95.4860, -106.2800, 9.8160

Previews

White Background



This preview shows how the YIQ color 56.9990, 18.9360, -1.7680 looks on a white background.

Color Contrast Check

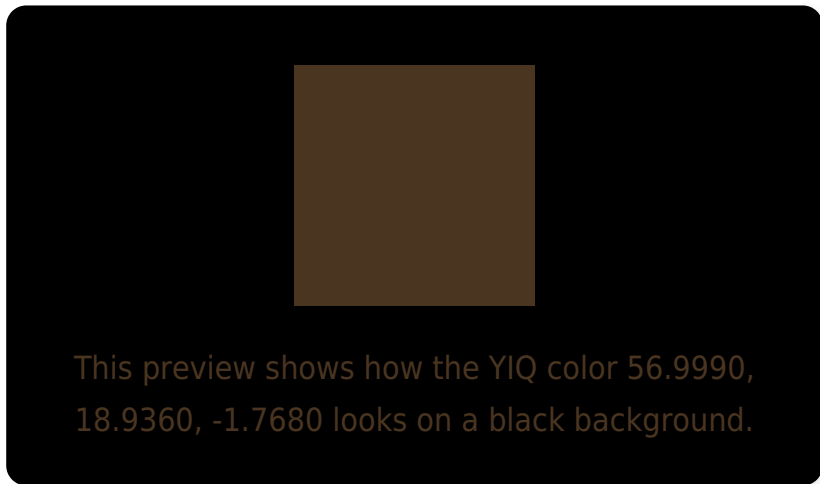
Large Text (above 18pt) WCAG AA ✓ Pass

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

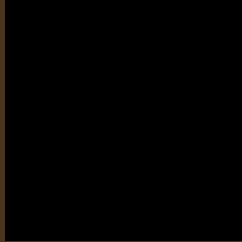
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9990, 18.9360, -1.7680

Background



This preview shows how black text looks on a background with the YIQ color 56.9990, 18.9360, -1.7680.



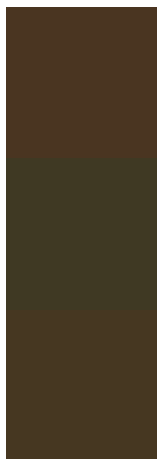
This preview shows how white text looks on a background with the YIQ color 56.9990, 18.9360,

-1.7680.

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

56.9990, 18.9360, -1.7680

Protanopia

56.2860, 10.6380, -5.5700

Deuteranopia

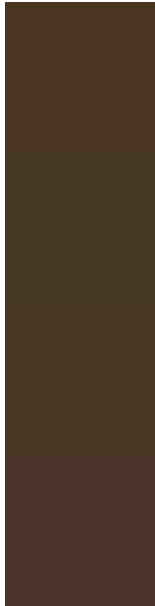
56.9770, 16.0020, -3.6620



Tritanopia

58.2300, 14.2120, 6.7560

Trichromacy



Original Color

56.9990, 18.9360, -1.7680

Protanomaly

56.7810, 13.6180, -4.5100

Deuteranomaly

56.6890, 16.8730, -2.9270

Tritanomaly

57.6060, 15.9090, 3.5330

Monochromacy



Original Color

56.9990, 18.9360, -1.7680

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1810, 6.7400, -1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9990, 18.9360, -1.7680 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(74, 53, 33)` looks like.

```
.text, #text, p{  
    color:rgb(74, 53, 33)  
}
```

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(74, 53, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 53, 33) }
```

Border

The CSS property to change the border of an element to YIQ 56.9990, 18.9360, -1.7680 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(74, 53, 33) }
```


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

```
.border{ border-color:rgb(74, 53, 33) }
```

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

Here you see how a box with a 4 pixel rgb(74, 53, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 53, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 53, 33);  
box-shadow:4px 4px 4px 4px rgb(74, 53, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9990, 18.9360, -1.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 53, 33) }
```

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

```
.background{ background-color: rgb(74, 53,  
33) }
```

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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