

Converting Colors

YIQ(56.2690, 18.4760, 6.5720)

Have a look what the booklet for
YIQ(56.2690, 18.4760, 6.5720)
contains.

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Color

**YIQ(56.2690, 18.4760,
6.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	4E2F2F
RGB	78, 47, 47
RGB Percent	31%, 18%, 18%
CMY	0.6940, 0.8157, 0.8156
CMYK	0.00, 0.40, 0.40, 0.69
HSL	360°, 25%, 25%
HSV	360°, 40%, 31%
XYZ	4.6729, 3.8579, 3.1897
YIQ	56.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

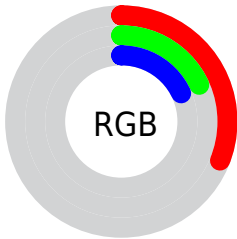
Format	Color
RYB	78, 47, 47
Decimal	5123887
CIE Lab	23.20, 14.22, 5.93
CIE LCh	23, 15.406, 22.620
Yxy	3.8579, 0.3987, 0.3292
Android (android.graphics.Color)	4283313967 (0xFF4E2F2F)
YUV	56.2690, -4.5696, 19.0581
Hunter-Lab	19.6415, 8.0943, 4.1207




Details

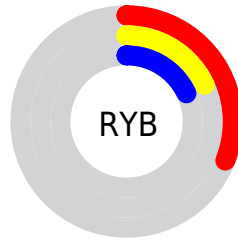
The YIQ color **56.2690, 18.4760, 6.5720** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.7310, -18.4760, -6.5720**, and the grayscale version is **56.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **103.4650, 20.8600, 7.4200**, and **10.4650, 20.8600, 7.4200** is the 20% darker color. If you saturate the color by 10%, you get **50.6610, 23.2440, 8.2680**, and if you desaturate by 10%, it is **61.8770, 13.7080, 4.8760**.

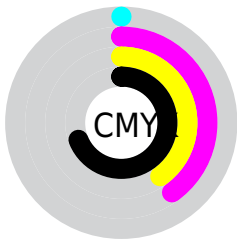
Distribution







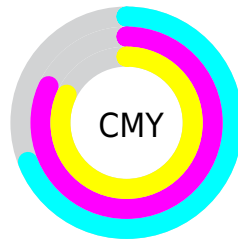
-  Red (31%)
-  Green (18%)
-  Blue (18%)






-  Red (31%)
-  Yellow (18%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (40%)
-  Yellow (40%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (82%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.2690, 18.4760, 6.5720 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 56.2690, 18.4760, 6.5720 by changing the saturation by 10% instead.

■ 56.2690, 18.4760,
6.5720

■ 56.2690, 18.4760,
6.5720

■ 255.0000, -0.0000,
-0.0000

■ 34.3720, 16.6880,
5.9360

■ 103.4650, 20.8600,
7.4200

■ 10.4650, 20.8600,
7.4200

■ 128.9490, 22.3730,
7.5330

■ 0.0000, 0.0000,
0.0000

■ 155.2480, 22.9690,
7.7450

■ 181.8460, 24.1610,
8.1690

■ 209.8460, 24.1610,
8.1690

■ 234.5570, 17.6050,

5.8370

254.7720, 0.6420,
-0.6220

■ 56.2690, 18.4760,
6.5720

■ 56.2690, 18.4760,
6.5720

■ 50.6610, 23.2440,
8.2680

■ 61.8770, 13.7080,
4.8760

■ 45.0530, 28.0120,
9.9640

■ 67.4850, 8.9400,
3.1800

■ 40.1460, 32.1840,
11.4480

■ 72.3920, 4.7680,
1.6960

■ 34.5380, 36.9520,
13.1440

■ 78.0000, -0.0000,
-0.0000

■ 28.9300, 41.7200,
14.8400

■ 83.6080, -4.7680,
-1.6960

■ 23.3220, 46.4880,
16.5360

■ 89.2160, -9.5360,
-3.3920

■ 94.8240, -14.3040,
-5.0880

■ 99.7310, -18.4760,
-6.5720

■ 105.3390,
-23.2440, -8.2680

Harmonies

Analogous

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



57.0390, 13.4320, 9.8800



56.2690, 18.4760, 6.5720



55.6940, 18.4770, 1.0450

Triad

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



56.2690, 18.4760, 6.5720



52.1530, -5.2250, -9.9370



52.8160, -19.8530, 1.8670

Complementary

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



56.2690, 18.4760, 6.5720



68.7310, -18.4760, -6.5720

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.



49.2230, -28.6090, -4.6490



56.2690, 18.4760, 6.5720



49.8080, -17.3750, -10.0070

Square

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



56.2690, 18.4760, 6.5720



53.4810, 5.5950, -7.7890



47.8870, -27.7830, -8.6070



55.6220, -7.3830, 7.1530

Rectangle

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



56.2690, 18.4760, 6.5720



55.0310, 15.9100, -1.9940



47.8870, -27.7830, -8.6070



51.4950, -23.3830, -0.2390

Sweetspot

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



56.2690, 18.4760, 6.5720



93.5880, 7.1520, 2.5440



59.8030, 8.5250, 16.2130



46.0930, 4.1720, 1.4840



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.



56.2690, 18.4760, 6.5720



67.6510, 29.2040, 10.3880



65.0740, 14.3510, -1.2730



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Inverse Universe

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



56.2690, 18.4760, 6.5720



67.6510, 29.2040, 10.3880



59.9260, -14.3510, 1.2730



35.1960, 2.3840, 0.8480



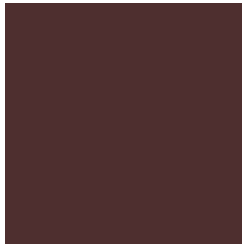
30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Previews

White Background



This preview shows how the YIQ color 56.2690, 18.4760, 6.5720 looks on a white background.

Color Contrast Check

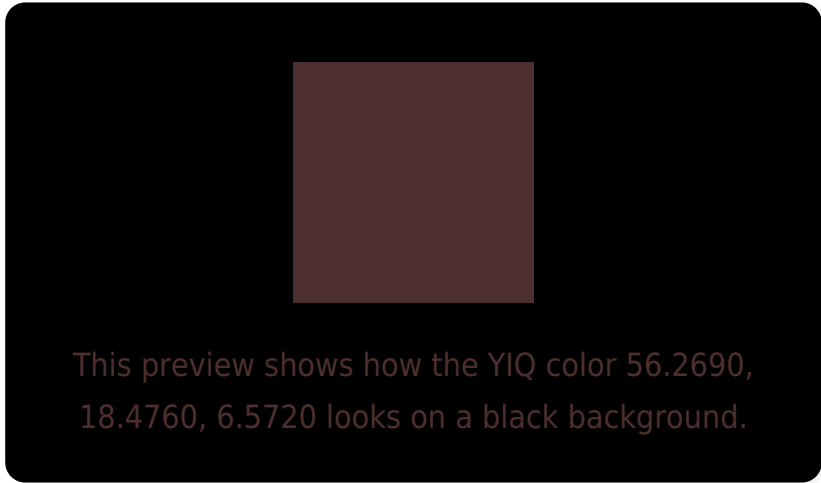
Large Text (above 18pt) WCAG AA ✓ Pass

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

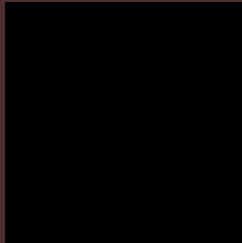
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.2690, 18.4760, 6.5720

Background



This preview shows how black text looks on a background with the YIQ color 56.2690, 18.4760, 6.5720.

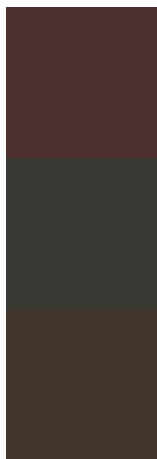


This preview shows how white text looks on a background with the YIQ color 56.2690, 18.4760,

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

56.2690, 18.4760, 6.5720

Protanopia

56.0280, 2.7970, -1.1310

Deuteranopia

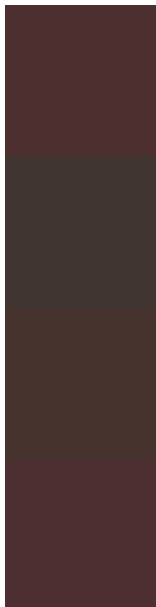
56.3770, 9.1240, -0.1560



Tritanopia

56.6110, 17.5130, 7.5050

Trichromacy



Original Color

56.2690, 18.4760, 6.5720

Protanomaly

56.2460, 8.1150, 1.6110

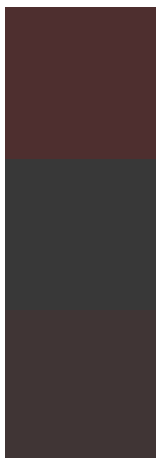
Deuteranomaly

56.1110, 12.9290, 2.4730

Tritanomaly

56.4970, 17.8340, 7.1940

Monochromacy



Original Color

56.2690, 18.4760, 6.5720

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.2690, 18.4760, 6.5720 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(78, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(78, 47, 47)  
}
```

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(78, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 47, 47) }
```

Border

The CSS property to change the border of an element to YIQ 56.2690, 18.4760, 6.5720 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(78, 47, 47) }
```


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

```
.border{ border-color:rgb(78, 47, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 47, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(78, 47, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.2690, 18.4760, 6.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 47, 47) }
```

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

```
.background{ background-color: rgb(78, 47,  
47) }
```

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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