

Converting Colors

YUV(56.6370, -16.0900,
27.5054)

Have a look what the booklet for
YUV(56.6370, -16.0900, 27.5054)
contains.

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Color

**YUV(56.6370, -16.0900,
27.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	582F18
RGB	88, 47, 24
RGB Percent	35%, 18%, 9%
CMY	0.6549, 0.8157, 0.9059
CMYK	0.00, 0.47, 0.73, 0.65
HSL	22°, 57%, 22%
HSV	22°, 73%, 35%
XYZ	5.2059, 4.1737, 1.3954
YIQ	56.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

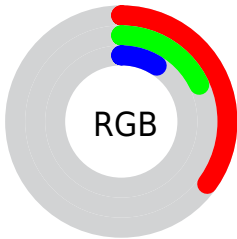
Format	Color
RYB	88, 60, 24
Decimal	5779224
CIELab	24.24, 16.45, 22.57
CIELCh	24, 27.928, 53.922
Yxy	4.1737, 0.4831, 0.3874
Android (android.graphics.Color)	4283969304 (0xFF582F18)
YUV	56.6370, -16.0900, 27.5054
Hunter-Lab	20.4296, 9.7337, 10.2511

Details

The YUV color **56.6370, -16.0900, 27.5054** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **55.3630, 16.0900, -27.5054**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5020, -17.9955, 32.0087**, and **12.8350, -6.3277, 22.9467** is the 20% darker color. If you saturate the color by 10%, you get **52.0890, -18.2849, 31.4939**, and if you desaturate by 10%, it is **61.1850, -13.8952, 23.5168**.

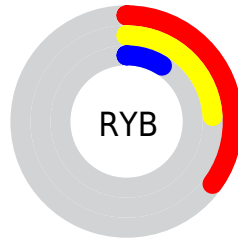
Distribution



Red (35%)

Green (18%)

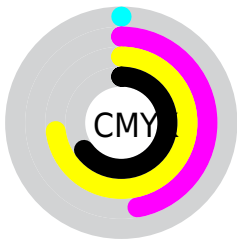
Blue (9%)



Red (35%)

Yellow (24%)

Blue (9%)

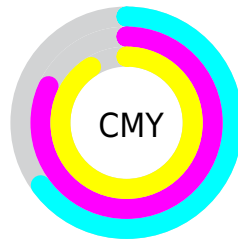


Cyan (0%)

Magenta (47%)

Yellow (73%)

Black (65%)



Cyan (65%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.6370, -16.0900, 27.5054 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 YUV color 56.6370, -16.0900, 27.5054 by changing the saturation by 10% instead.

■ 56.6370, -16.0900,
27.5054

■ 56.6370, -16.0900,
27.5054

■ 254.7720, -0.8736,
0.2000

■ 33.5120, -16.5214,
25.8610

■ 104.5020,
-17.9955, 32.0087

■ 12.8350, -6.3277,
22.9467

■ 130.2850,
-18.8745, 33.9531

■ 0.0000, 0.0000,
0.0000

■ 156.6550,
-20.0429, 35.3826

■ 184.1390,
-20.7745, 36.7121

■ 211.7370,
-21.0693, 37.9417

■ 231.2510,

-17.3787, 20.8279

■ 251.4660,
-13.5407, 3.0993

■ 56.6370, -16.0900,
27.5054

■ 56.6370, -16.0900,
27.5054

■ 52.0890, -18.2849,
31.4939

■ 61.1850, -13.8952,
23.5168

■ 48.1280, -20.7691,
34.9677

■ 65.1460, -11.4110,
20.0430

■ 45.0960, -22.2323,
37.6268

■ 69.5800, -9.6529,
16.1543

■ 74.1280, -7.4581,
12.1657

■ 78.0890, -4.9739,
8.6919

■ 82.6370, -2.7790,
4.7034

■ 86.5980, -0.2948,
1.2296

■ 91.0320, 1.4632,
-2.6591

■ 95.5800, 3.6581,
-6.6477

Harmonies

Analogous

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



56.9720, -7.3812, 34.2276



56.6370, -16.0900, 27.5054



55.5940, -20.9988, 15.2651

Triad

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



56.6370, -16.0900, 27.5054



45.8440, 3.0349, -40.2052



57.8910, 18.7877, -6.0434

Complementary

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



56.6370, -16.0900, 27.5054



55.3630, 16.0900, -27.5054

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.



47.0930, 25.5902, -41.3006



56.6370, -16.0900, 27.5054



48.3520, 12.6445, -42.4047

Square

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



56.6370, -16.0900, 27.5054



50.1640, -8.9549, -21.1918



49.1160, 20.6488, -43.0747



59.4980, 11.5865, 17.1033

Rectangle

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



56.6370, -16.0900, 27.5054



54.7560, -20.0927, 4.5990



49.1160, 20.6488, -43.0747



55.9930, 20.7095, -15.7799

Sweetspot

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



56.6370, -16.0900, 27.5054



102.7580, -6.2897, 10.7362



47.9240, 8.9115, 35.1467



51.3060, -4.0949, 6.7476



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



56.6370, -16.0900, 27.5054



66.0320, -25.1588, 42.9449



74.8340, -25.0612, 11.5466



41.3700, -1.1684, 1.4295



54.2990, -26.7694, 46.2188



119.5730, -58.9495, 101.2295

Inverse Universe

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



55.3630, 16.0900, -27.5054



63.9680, 25.1588, -42.9449



37.1660, 25.0612, -11.5466



41.2170, 0.8790, -1.9443



52.7010, 26.7694, -46.2188



114.8400, 59.2389, -100.7147

Previews

White Background



This preview shows how the YUV color 56.6370, -16.0900, 27.5054 looks on a white background.

Color Contrast Check

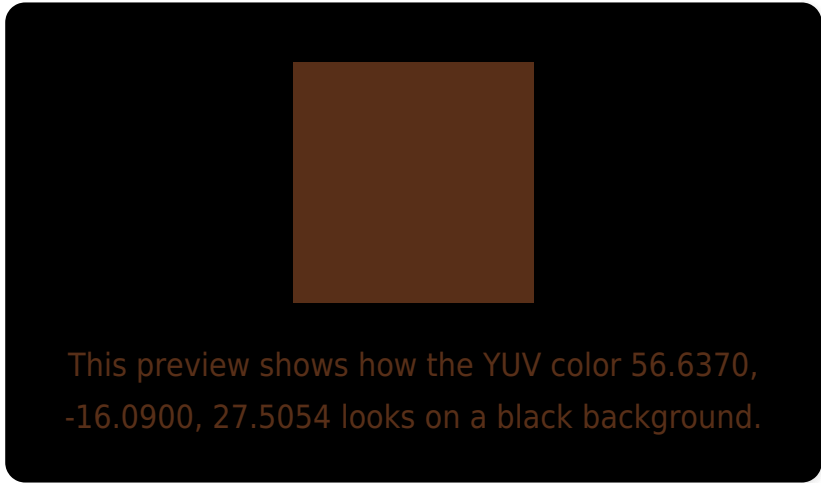
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YUV 56.6370, -16.0900, 27.5054

Background



This preview shows how black text looks on a background with the YUV color 56.6370, -16.0900, 27.5054.

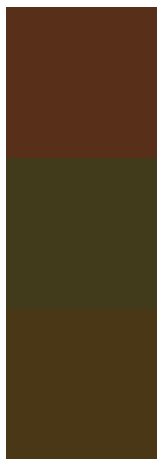


This preview shows how white text looks on a background with the YUV color 56.6370, -16.0900,

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

56.6370, -16.0900, 27.5054

Protanopia

56.5590, -14.5726, 7.4028

Deuteranopia

56.6200, -17.0677, 14.3653



Tritanopia

57.9110, -4.8861, 27.2651

Trichromacy



Original Color

56.6370, -16.0900, 27.5054

Protanomaly

56.4890, -15.0311, 14.4801

Deuteranomaly

56.4680, -16.4997, 18.8836

Tritanomaly

57.4720, -9.1067, 27.6501

Monochromacy



Original Color

56.6370, -16.0900, 27.5054

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.5730, -5.7055, 10.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.6370, -16.0900, 27.5054 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(88, 47, 24)` looks like.

```
.text, #text, p{  
    color:rgb(88, 47, 24)  
}
```

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(88, 47, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 47, 24) }
```

Border

The CSS property to change the border of an element to YUV 56.6370, -16.0900, 27.5054 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(88, 47, 24) }
```


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

```
.border{ border-color:rgb(88, 47, 24) }
```

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

Here you see how a box with a 4 pixel rgb(88, 47, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 47, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 47, 24);  
box-shadow:4px 4px 4px 4px rgb(88, 47, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.6370, -16.0900, 27.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 47, 24) }
```

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

```
.background{ background-color: rgb(88, 47,  
24) }
```

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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