

Converting Colors

YUV(56.5230, -16.5268,
27.6053)

Have a look what the booklet for
YUV(56.5230, -16.5268, 27.6053)
contains.

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Color

**YUV(56.5230, -16.5268,
27.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	582F17
RGB	88, 47, 23
RGB Percent	35%, 18%, 9%
CMY	0.6549, 0.8157, 0.9098
CMYK	0.00, 0.47, 0.74, 0.65
HSL	22°, 59%, 22%
HSV	22°, 74%, 35%
XYZ	5.1957, 4.1696, 1.3416
YIQ	56.5230, 32.1400, 1.2280

Conversions

Conversions Part 2

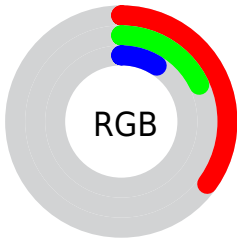
Format	Color
RYB	88, 61, 23
Decimal	5779223
CIELab	24.22, 16.38, 23.16
CIELCh	24, 28.365, 54.730
Yxy	4.1696, 0.4853, 0.3894
Android (android.graphics.Color)	4283969303 (0xFF582F17)
YUV	56.5230, -16.5268, 27.6053
Hunter-Lab	20.4196, 9.6842, 10.3983

Details

The YUV color **56.5230, -16.5268, 27.6053** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.4770, 16.5268, -27.6053**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3880, -18.4323, 32.1087**, and **12.8350, -6.3277, 22.9467** is the 20% darker color. If you saturate the color by 10%, you get **51.9750, -18.7217, 31.5939**, and if you desaturate by 10%, it is **61.0710, -14.3320, 23.6167**.

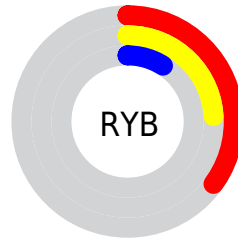
Distribution



 Red (35%)

 Green (18%)

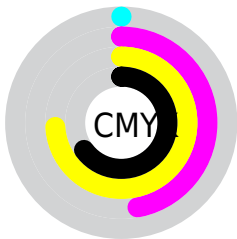
 Blue (9%)



 Red (35%)

 Yellow (24%)

 Blue (9%)

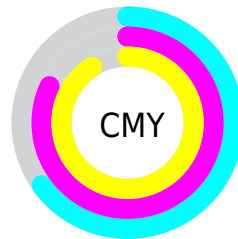


 Cyan (0%)

 Magenta (47%)

 Yellow (74%)

 Black (65%)



 Cyan (65%)

 Magenta (82%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5230, -16.5268, 27.6053 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 56.5230, -16.5268, 27.6053 by changing the saturation by 10% instead.

■ 56.5230, -16.5268,
27.6053

■ 56.5230, -16.5268,
27.6053

■ 254.5440, -1.7472,
0.3999

■ 33.5120, -16.5214,
25.8610

■ 104.3880,
-18.4323, 32.1087

■ 12.8350, -6.3277,
22.9467

■ 130.1710,
-19.3113, 34.0530

■ 0.0000, 0.0000,
0.0000


■ 156.5410,
-20.4797, 35.4825


■ 184.0250,
-21.2113, 36.8121


■ 211.5090,
-21.9429, 38.1416


■ 231.1370,


-17.8155, 20.9279


 251.3520,
-13.9775, 3.1993


 56.5230, -16.5268,
27.6053


 56.5230, -16.5268,
27.6053


 51.9750, -18.7217,
31.5939


 61.0710, -14.3320,
23.6167


 48.0140, -21.2059,
35.0677

 65.0320, -11.8478,
20.1429

 45.0960, -22.2323,
37.6268

 69.4660, -10.0897,
16.2543

 73.4270, -7.6055,
12.7805

 77.9750, -5.4107,
8.7919

■ 81.9360, -2.9264,
5.3181

■ 86.4840, -0.7316,
1.3295

■ 90.3310, 1.3158,
-2.0443

■ 94.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



56.8580, -7.8180, 34.3275



56.5230, -16.5268, 27.6053



55.1810, -21.2882, 14.7503

Triad

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



56.5230, -16.5268, 27.6053



45.9580, 3.4717, -40.3052



57.6030, 18.9297, -4.9138

Complementary

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



56.5230, -16.5268, 27.6053



54.4770, 16.5268, -27.6053

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.



47.2070, 26.0269, -41.4005



56.5230, -16.5268, 27.6053



48.4660, 13.0813, -42.5047

Square

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



56.5230, -16.5268, 27.6053



49.5660, -8.6600, -22.4214



49.2300, 21.0856, -43.1747



59.6830, 11.0023, 17.8180

Rectangle

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



56.5230, -16.5268, 27.6053



54.3430, -20.3821, 4.0842



49.2300, 21.0856, -43.1747



55.5200, 21.4356, -15.3650

Sweetspot

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



56.5230, -16.5268, 27.6053



102.7580, -6.2897, 10.7362



47.1090, 8.3273, 35.8614



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.



56.5230, -16.5268, 27.6053



65.2170, -25.7430, 43.6597



75.3070, -25.7874, 11.1318



41.3700, -1.1684, 1.4295



55.4730, -27.3482, 45.1892



121.3340, -59.8177, 99.6851

Inverse Universe

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



54.4770, 16.5268, -27.6053



62.1960, 26.0324, -43.1449



35.6930, 25.7874, -11.1318



41.2170, 0.8790, -1.9443



52.1140, 27.0588, -45.7040



113.6660, 59.8177, -99.6851

Previews

White Background



This preview shows how the YUV color 56.5230, -16.5268, 27.6053 looks on a white background.

Color Contrast Check

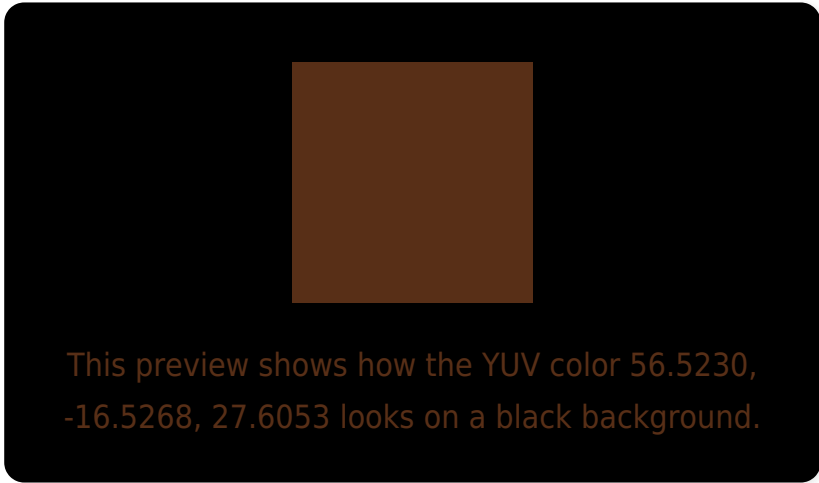
Large Text (above 18pt) WCAG AA ✓ Pass

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

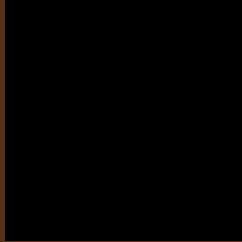
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5230, -16.5268, 27.6053

Background



This preview shows how black text looks on a background with the YUV color 56.5230, -16.5268, 27.6053.



This preview shows how white text looks on a background with the YUV color 56.5230, -16.5268,

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

56.5230, -16.5268, 27.6053

Protanopia

56.4450, -15.0094, 7.5027

Deuteranopia

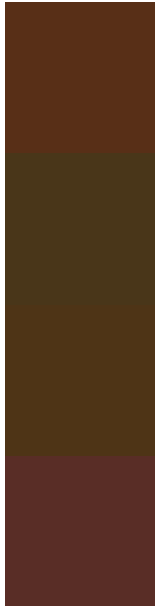
56.5060, -17.5045, 14.4652



Tritanopia

57.7970, -5.3229, 27.3650

Trichromacy



Original Color

56.5230, -16.5268, 27.6053

Protanomaly

56.3750, -15.4679, 14.5801

Deuteranomaly

56.3540, -16.9365, 18.9835

Tritanomaly

57.3580, -9.5435, 27.7500

Monochromacy



Original Color

56.5230, -16.5268, 27.6053

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 56.5230, -16.5268, 27.6053 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(88, 47, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 47, 23) }
```

Border

The CSS property to change the border of an element to YUV 56.5230, -16.5268, 27.6053 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, 23) }
```


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

```
.border{ border-color:rgb(88, 47, 23) }
```

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, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 47, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 47, 23);  
box-shadow:4px 4px 4px 4px rgb(88, 47, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5230, -16.5268, 27.6053 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, 23) }
```

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

```
.background{ background-color: rgb(88, 47,  
23) }
```

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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