

Converting Colors

YUV(56.4160, 16.0639, 27.6992)

Have a look what the booklet for
YUV(56.4160, 16.0639, 27.6992)
contains.

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Color

**YUV(56.4160, 16.0639,
27.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	582259
RGB	88, 34, 89
RGB Percent	35%, 13%, 35%
CMY	0.6549, 0.8667, 0.6510
CMYK	0.01, 0.62, 0.00, 0.65
HSL	299°, 45%, 24%
HSV	299°, 62%, 35%
XYZ	6.3997, 3.9400, 9.8744
YIQ	56.4160, 14.5290, 28.5530

Conversions

Conversions Part 2

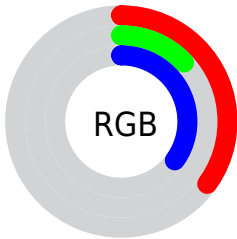
Format	Color
R_YB	88, 34, 89
Decimal	5775961
CIE Lab	23.47, 33.27, -21.80
CIE LCh	23, 39.779, 326.768
Yxy	3.9400, 0.3166, 0.1949
Android (android.graphics.Color)	4283966041 (0xFF582259)
YUV	56.4160, 16.0639, 27.6992
Hunter-Lab	19.8495, 22.8137, -15.5999

Details

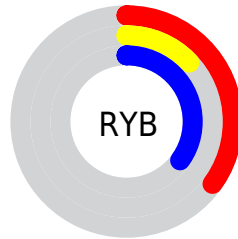
The YUV color **56.4160, 16.0639, 27.6992** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.5840, -16.0639, -27.6992**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8400, 16.3479, 29.9583**, and **17.1610, 12.7386, 20.9068** is the 20% darker color. If you saturate the color by 10%, you get **51.1330, 18.6684, 32.3324**, and if you desaturate by 10%, it is **61.6990, 13.4594, 23.0660**.

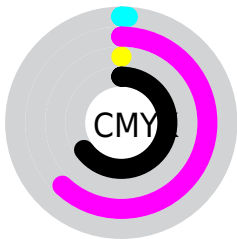
Distribution



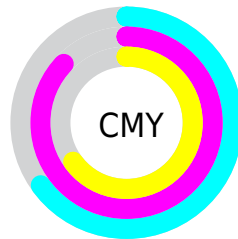
- Red (35%)
- Green (13%)
- Blue (35%)



- Red (35%)
- Yellow (13%)
- Blue (35%)



- Cyan (1%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.4160, 16.0639, 27.6992 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 56.4160, 16.0639, 27.6992 by changing the saturation by 10% instead.

■ 56.4160, 16.0639,
27.6992

■ 56.4160, 16.0639,
27.6992

■ 255.0000, 0.0000,
0.0000

■ 30.9430, 16.7901,
28.1140

■ 105.8400, 16.3479,
29.9583

■ 17.1610, 12.7386,
20.9068

■ 131.6660, 16.9267,
30.9879

■ 2.8070, 9.4621,
-1.5847

■ 158.0790, 17.2161,
31.5027

■ 0.0000, 0.0000,
0.0000

■ 185.7910, 17.3580,
32.6323

■ 213.6170, 17.9368,
33.6619

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

56.4160, 16.0639,
27.6992

56.4160, 16.0639,
27.6992

51.1330, 18.6684,
32.3324

61.6990, 13.4594,
23.0660

45.8500, 21.2730,
36.9656

66.9820, 10.8549,
18.4328

40.5670, 23.8775,
41.5987

72.2650, 8.2504,
13.7996

36.1590, 26.0506,
44.5876

77.8470, 5.4984,
9.7812

83.1300, 2.8939,
5.1480

■ 87.8260, 0.5788,
1.0296

■ 93.1090, -2.0257,
-3.6036

■ 98.3920, -4.6303,
-8.2368

■ 103.6750, -7.2348,
-12.8700

Harmonies

Analogous

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



55.3560, 26.9395, -7.3282



56.4160, 16.0639, 27.6992



51.4480, 4.2161, 47.8421

Triad

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



56.4160, 16.0639, 27.6992



52.6390, -25.9510, 16.9796



49.8510, 15.8495, -43.7193

Complementary

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



56.4160, 16.0639, 27.6992



66.5840, -16.0639, -27.6992

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.



46.4310, 2.7455, -40.7200



56.4160, 16.0639, 27.6992



49.2510, -24.2807, -5.4821

Square

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



56.4160, 16.0639, 27.6992



52.2870, -25.2845, 36.5823



41.7230, -10.2164, -36.5911



51.4130, 26.9114, -45.0892

Rectangle

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



56.4160, 16.0639, 27.6992



50.4670, -4.6672, 50.4564



41.7230, -10.2164, -36.5911



48.7110, 11.4815, -42.7195

Sweetspot

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



56.4160, 16.0639, 27.6992



101.7870, 6.5140, 10.7108



41.4440, 23.4451, -6.5284



50.4830, 4.1989, 6.5924



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.



56.4160, 16.0639, 27.6992



64.5070, 24.8930, 42.5284



53.7510, 4.5598, 30.9134



40.6520, 1.1576, 2.0592



43.5930, 31.2597, 53.8539



95.5600, 68.7439, 117.9039

Inverse Universe

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



50.5590, -7.6706, 33.7128



55.5290, -12.0928, 52.1561



69.2490, -4.5598, -30.9134



40.1960, -0.5896, 2.4591



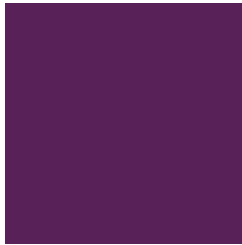
32.2210, -14.8990, 65.5812



70.7210, -32.8935, 144.0727

Previews

White Background



This preview shows how the YUV color 56.4160, 16.0639, 27.6992 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

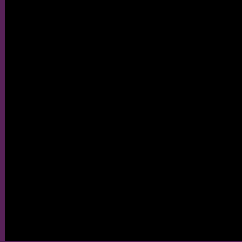
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4160, 16.0639, 27.6992

Background



This preview shows how black text looks on a background with the YUV color 56.4160, 16.0639, 27.6992.



This preview shows how white text looks on a background with the YUV color 56.4160, 16.0639,

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

56.4160, 16.0639, 27.6992

Protanopia

52.7840, 27.7145, -22.6126

Deuteranopia

56.3050, 14.1466, -10.7915



Tritanopia

57.4050, -4.1437, 22.4468

Trichromacy



Original Color

56.4160, 16.0639, 27.6992

Protanomaly

53.8680, 23.7291, -4.2692

Deuteranomaly

56.5070, 14.5400, 3.0634

Tritanomaly

57.3650, 3.2711, 24.2359

Monochromacy



Original Color

56.4160, 16.0639, 27.6992

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4160, 16.0639, 27.6992 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, 34, 89)` looks like.

```
.text, #text, p{  
    color:rgb(88, 34, 89)  
}
```

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, 34, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 34, 89) }
```

Border

The CSS property to change the border of an element to YUV 56.4160, 16.0639, 27.6992 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, 34, 89) }
```


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

```
.border{ border-color:rgb(88, 34, 89) }
```

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

Here you see how a box with a 4 pixel rgb(88, 34, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 34, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 34, 89);  
box-shadow:4px 4px 4px 4px rgb(88, 34, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.4160, 16.0639, 27.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 34, 89) }
```

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

```
.background{ background-color: rgb(88, 34,  
89) }
```

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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