

Converting Colors

YUV(56.4360, -27.8229,
57.4996)

Have a look what the booklet for
YUV(56.4360, -27.8229, 57.4996)
contains.

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Color

**YUV(56.4360, -27.8229,
57.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	7A2200
RGB	122, 34, 0
RGB Percent	48%, 13%, 0%
CMY	0.5216, 0.8667, 1.0000
CMYK	0.00, 0.72, 1.00, 0.52
HSL	17°, 100%, 24%
HSV	17°, 100%, 48%
XYZ	8.5981, 5.2816, 0.5663
YIQ	56.4360, 63.3620, 8.0820

Conversions

Conversions Part 2

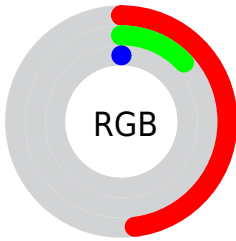
Format	Color
RYB	122, 47, 0
Decimal	8004096
CIELab	27.52, 36.86, 39.35
CIELCh	28, 53.916, 46.877
Yxy	5.2816, 0.5952, 0.3656
Android (android.graphics.Color)	4286194176 (0xFF7A2200)
YUV	56.4360, -27.8229, 57.4996
Hunter-Lab	22.9818, 26.5632, 14.6263

Details

The YUV color **56.4360, -27.8229, 57.4996** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **65.5640, 27.8229, -57.4996**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7850, -30.4600, 63.3326**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **56.4360, -27.8229, 57.4996**, and if you desaturate by 10%, it is **63.0870, -25.1859, 51.6667**.

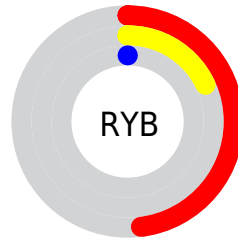
Distribution



Red (48%)

Green (13%)

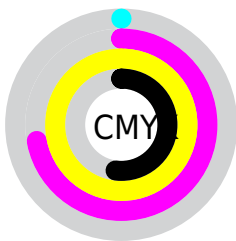
Blue (0%)



Red (48%)

Yellow (18%)

Blue (0%)

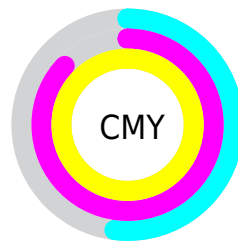


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (52%)



Cyan (52%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 56.4360, -27.8229, 57.4996 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 56.4360, -27.8229, 57.4996 by changing the saturation by 10% instead.


 56.4360, -27.8229,
57.4996


 56.4360, -27.8229,
57.4996


 252.0360,
-11.3567, 2.5994


 30.1550, -14.8664,
55.1151

 108.7850,
-30.4600, 63.3326


 19.4350, -9.5815,
39.9605


 135.7530,
-31.9232, 65.9916

 11.7750, -5.3121,
23.8763

 163.0200,
-33.5339, 69.2655


 0.0000, 0.0000,
0.0000


 185.7200,
-31.9070, 60.7586


 205.1200,
-28.6532, 43.7448


 224.6340,


-24.9626, 26.6310


 244.7350,
-21.5614, 9.0024


 56.4360, -27.8229,
57.4996

 63.0870, -25.1859,
51.6667

 69.7380, -22.5488,
45.8338

 75.9160, -19.1856,
40.4157

 82.5670, -16.5485,
34.5827

 89.2180, -13.9115,
28.7498

■ 95.8690, -11.2744,
22.9169

■ 102.5200, -8.6374,
17.0840

■ 108.6980, -5.2741,
11.6659

■ 115.3490, -2.6371,
5.8329

Harmonies

Analogous

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



45.3810, -0.6808, 78.5959



56.4360, -27.8229, 57.4996



61.8640, -30.4990, 29.0603

Triad

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



56.4360, -27.8229, 57.4996



52.6770, -3.7848, -46.1977



52.9240, 45.3935, -46.4143

Complementary

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



56.4360, -27.8229, 57.4996



65.5640, 27.8229, -57.4996

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.



60.7830, 42.5050, -53.3067



56.4360, -27.8229, 57.4996



58.1660, 14.7082, -51.0116

Square

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



56.4360, -27.8229, 57.4996



45.7860, -22.5725, -40.1543



61.7970, 31.1591, -54.1960



65.4940, 27.8575, 24.9998

Rectangle

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



56.4360, -27.8229, 57.4996



60.2700, -29.7131, 10.2872



61.7970, 31.1591, -54.1960



56.7880, 44.9675, -49.8031

Sweetspot

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



56.4360, -27.8229, 57.4996



132.6840, -10.6902, 22.2021



46.6240, 20.8914, 66.1048



64.0680, -6.4425, 13.0954



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



56.4360, -27.8229, 57.4996



73.0700, -36.0235, 74.4836



91.6560, -45.1864, 26.6117



57.9680, -1.4632, 2.6591



57.9200, -28.5546, 58.8292



116.4380, -57.4039, 118.8879

Inverse Universe

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



65.5640, 27.8229, -57.4996



84.9300, 36.0235, -74.4836



30.3440, 45.1864, -26.6117



58.0320, 1.4632, -2.6591



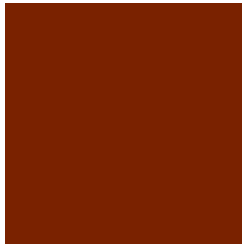
67.0800, 28.5546, -58.8292



135.5620, 57.4039, -118.8879

Previews

White Background



This preview shows how the YUV color 56.4360, -27.8229, 57.4996 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

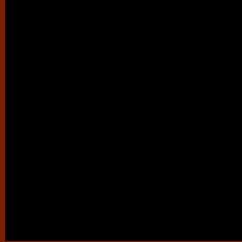
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4360, -27.8229, 57.4996

Background



This preview shows how black text looks on a background with the YUV color 56.4360, -27.8229, 57.4996.



This preview shows how white text looks on a background with the YUV color 56.4360, -27.8229,

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

56.4360, -27.8229, 57.4996

Protanopia

63.3500, -24.3296, 10.2170

Deuteranopia

62.0970, -30.6138, 19.2089



Tritanopia

59.0240, -12.8298, 55.2300

Trichromacy



Original Color

56.4360, -27.8229, 57.4996

Protanomaly

60.8190, -25.5468, 27.3457

Deuteranomaly

59.8260, -29.4942, 33.4786

Tritanomaly

58.2430, -18.3608, 55.9149

Monochromacy



Original Color

56.4360, -27.8229, 57.4996

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2000, -9.9586, 20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4360, -27.8229, 57.4996 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(122, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 34, 0)  
}
```

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(122, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 34, 0) }
```

Border

The CSS property to change the border of an element to YUV 56.4360, -27.8229, 57.4996 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(122, 34, 0) }
```


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

```
.border{ border-color:rgb(122, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(122, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 34, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 34, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 34, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.4360, -27.8229, 57.4996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 34, 0) }
```

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

```
.background{ background-color: rgb(122, 34,  
0) }
```

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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