

Converting Colors

YUV(55.8620, -27.5400,
13.2760)

Have a look what the booklet for
YUV(55.8620, -27.5400, 13.2760)
contains.

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Color

**YUV(55.8620, -27.5400,
13.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	473B00
RGB	71, 59, 0
RGB Percent	28%, 23%, 0%
CMY	0.7216, 0.7686, 1.0000
CMYK	0.00, 0.17, 1.00, 0.72
HSL	50°, 100%, 14%
HSV	50°, 100%, 28%
XYZ	4.1625, 4.4675, 0.6429
YIQ	55.8620, 26.0910, -15.8050

Conversions

Conversions Part 2

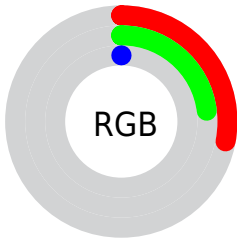
Format	Color
RYB	14, 71, 0
Decimal	4668160
CIELab	25.16, -1.17, 34.18
CIELCh	25, 34.204, 91.967
Yxy	4.4675, 0.4489, 0.4818
Android (android.graphics.Color)	4282858240 (0xFF473B00)
YUV	55.8620, -27.5400, 13.2760
Hunter-Lab	21.1365, -1.8362, 12.9921

Details

The YUV color **55.8620, -27.5400, 13.2760** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.1380, 27.5400, -13.2760**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1720, -27.6928, 15.6352**, and **16.5570, -8.1626, 4.7735** is the 20% darker color. If you saturate the color by 10%, you get **55.8620, -27.5400, 13.2760**, and if you desaturate by 10%, it is **57.2470, -24.7718, 12.0614**.

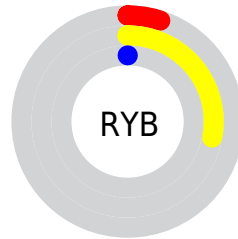
Distribution



Red (28%)

Green (23%)

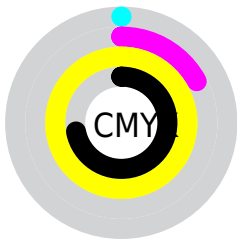
Blue (0%)



Red (5%)

Yellow (28%)

Blue (0%)

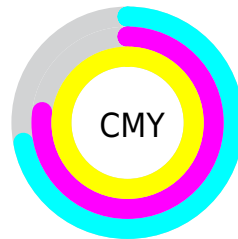


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8620, -27.5400, 13.2760 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 55.8620, -27.5400, 13.2760 by changing the saturation by 10% instead.

■ 55.8620, -27.5400,
13.2760

■ 55.8620, -27.5400,
13.2760

■ 252.2640,
-10.4832, 2.3995

■ 36.3590, -17.9250,
9.3322

■ 104.1720,
-27.6928, 15.6352

■ 16.5570, -8.1626,
4.7735

■ 129.6560,
-28.4244, 16.9647

■ 0.0000, 0.0000,
0.0000


■ 156.0260,
-29.5928, 18.3942


■ 183.2110,
-30.1770, 19.1090


■ 210.6950,
-30.9086, 20.4385


■ 237.0750,


-30.6030, 15.7202


 249.0720,
-22.7135, 5.1989


 55.8620, -27.5400,
13.2760

 57.2470, -24.7718,
12.0614

 58.6320, -22.0036,
10.8467

 60.6040, -19.5248,
9.1173

 61.9890, -16.7566,
7.9026

 63.4880, -13.5516,
6.5880

■ 64.8730, -10.7834,
5.3734

■ 66.2580, -8.0152,
4.1587

■ 68.2300, -5.5364,
2.4293

■ 69.6150, -2.7682,
1.2146

Harmonies

Analogous

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



57.3400, -22.3526, 29.5198



55.8620, -27.5400, 13.2760



53.4510, -20.9283, -7.4115

Triad

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



55.8620, -27.5400, 13.2760



51.4810, 17.0179, -45.1488



60.5640, 11.5539, 27.5694

Complementary

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



55.8620, -27.5400, 13.2760



15.1380, 27.5400, -13.2760

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.



60.9180, 21.2394, 0.9489



55.8620, -27.5400, 13.2760



52.4730, 25.8958, -46.0188

Square

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



55.8620, -27.5400, 13.2760



49.2180, 5.8085, -43.1642



49.1620, 30.9791, -43.1151



58.0790, 0.4541, 41.1497

Rectangle

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



55.8620, -27.5400, 13.2760



49.4470, -11.5594, -25.8250



49.1620, 30.9791, -43.1151



61.4320, 15.0700, 19.7921

Sweetspot

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



55.8620, -27.5400, 13.2760



85.8730, -10.7834, 5.3734



22.7110, -4.7875, 42.3495



42.3010, -6.5574, 3.2440



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



55.8620, -27.5400, 13.2760



72.1200, -35.5552, 17.4348



56.3280, -27.7697, -6.4267



34.9570, -1.4578, 0.9147



78.3220, -38.6127, 18.1346



178.8160, -88.1563, 42.2574

Inverse Universe

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



15.1380, 27.5400, -13.2760



19.8800, 35.5552, -17.4348



14.6720, 27.7697, 6.4267



33.0430, 1.4578, -0.9147



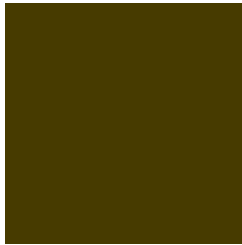
21.2650, 38.3234, -18.6494



48.1840, 88.1563, -42.2574

Previews

White Background



This preview shows how the YUV color 55.8620, -27.5400, 13.2760 looks on a white background.

Color Contrast Check

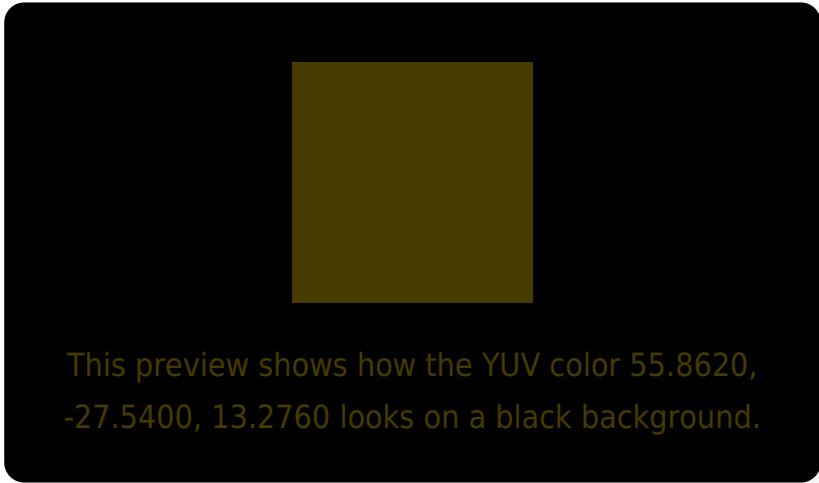
Large Text (above 18pt) WCAG AA ✓ Pass

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

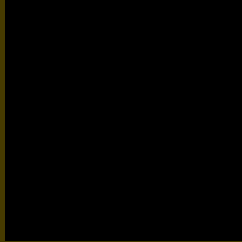
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8620, -27.5400, 13.2760

Background



This preview shows how black text looks on a background with the YUV color 55.8620, -27.5400, 13.2760.



This preview shows how white text looks on a background with the YUV color 55.8620, -27.5400,

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



Protanopia

55.8940, -26.0767, 10.6170

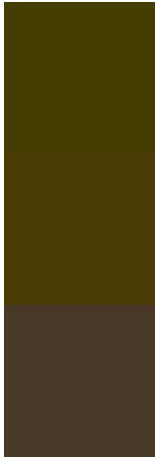
Deuteranopia

56.8670, -25.0774, 16.7796

Tritanopia

61.1370, -1.0535, 11.2809

Trichromacy



Protanomaly

56.0790, -26.6609, 11.3317

Deuteranomaly

56.6280, -25.9456, 15.2352

Tritanomaly

59.0310, -10.3683, 12.2508

Monochromacy



Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8620, -27.5400, 13.2760 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(71, 59, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 59, 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(71, 59, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 59, 0) }
```

Border

The CSS property to change the border of an element to YUV 55.8620, -27.5400, 13.2760 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(71, 59, 0) }
```

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

```
.border{ border-color:rgb(71, 59, 0) }
```

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

Here you see how a box with a 4 pixel rgb(71, 59, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 59, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 59, 0); box-shadow:4px  
4px 4px 4px rgb(71, 59, 0) }
```


Background

The CSS property to change the background color of an element to YUV 55.8620, -27.5400, 13.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 59, 0) }
```

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

```
.background{ background-color: rgb(71, 59,  
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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