

Converting Colors

YUV(55.6780, 11.9907, 27.4694)

Have a look what the booklet for
YUV(55.6780, 11.9907, 27.4694)
contains.

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Color

**YUV(55.6780, 11.9907,
27.4694)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 572350 |
| RGB | 87, 35, 80 |
| RGB Percent | 34%, 14%, 31% |
| CMY | 0.6588, 0.8627, 0.6863 |
| CMYK | 0.00, 0.60, 0.08, 0.66 |
| HSL | 308°, 43%, 24% |
| HSV | 308°, 60%, 34% |
| XYZ | 5.9795, 3.8075, 8.0092 |
| YIQ | 55.6780, 16.5470, 25.0190 |

Conversions

Conversions Part 2

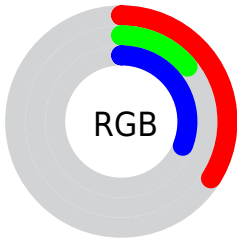
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 87, 35, 80 |
| Decimal | 5710672 |
| CIE Lab | 23.02, 30.65, -16.52 |
| CIE LCh | 23, 34.816, 331.682 |
| Yxy | 3.8075, 0.3360, 0.2140 |
| Android (android.graphics.Color) | 4283900752 (0xFF572350) |
| YUV | 55.6780, 11.9907, 27.4694 |
| Hunter-Lab | 19.5128, 20.5520, -10.6771 |

Details

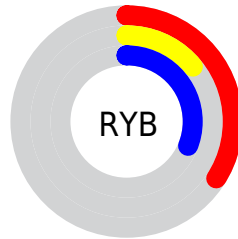
The YUV color **55.6780, 11.9907, 27.4694** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **66.3220, -11.9907, -27.4694**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.6890, 11.9853, 29.2137**, and **16.2490, 9.2442, 21.7066** is the 20% darker color. If you saturate the color by 10%, you get **50.2810, 14.1585, 32.2026**, and if you desaturate by 10%, it is **61.0750, 9.8230, 22.7362**.

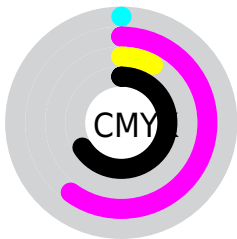
Distribution



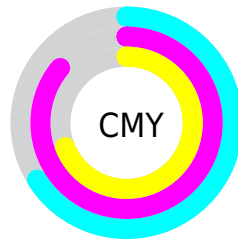
- Red (34%)
- Green (14%)
- Blue (31%)



- Red (34%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (8%)
- Black (66%)



- Cyan (66%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6780, 11.9907, 27.4694 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 55.6780, 11.9907, 27.4694 by changing the saturation by 10% instead.

■ 55.6780, 11.9907,
27.4694

■ 55.6780, 11.9907,
27.4694

■ 255.0000, 0.0000,
0.0000

■ 31.7920, 12.4275,
27.3694

■ 104.6890, 11.9853,
29.2137

■ 16.2490, 9.2442,
21.7066

■ 130.4010, 12.1273,
30.3433

■ 1.2540, 4.8048,
-1.0998

■ 156.5260, 12.5587,
31.9877

■ 0.0000, 0.0000,
0.0000

■ 183.9390, 12.8481,
32.5025

■ 211.6510, 12.9901,
33.6321

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

55.6780, 11.9907,
27.4694

55.6780, 11.9907,
27.4694

50.2810, 14.1585,
32.2026

61.0750, 9.8230,
22.7362

45.4710, 16.0368,
36.4209

65.8850, 7.9447,
18.5179

39.9600, 17.7677,
41.2541

71.3960, 6.2138,
13.6847

34.5630, 19.9354,
45.9872

76.7930, 4.0461,
8.9515

82.1900, 1.8783,
4.2184

■ 87.0000, 0.0000,
0.0000

■ 92.3970, -2.1677,
-4.7332

■ 97.7940, -4.3354,
-9.4663

■ 102.7180, -5.7770,
-13.7847

Harmonies

Analogous

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



55.6190, 21.3868, 0.3341



55.6780, 11.9907, 27.4694



52.6060, 1.1802, 41.5645

Triad

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



55.6780, 11.9907, 27.4694



51.4320, -25.3560, 12.7761



48.6770, 16.4282, -42.6897

Complementary

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



55.6780, 11.9907, 27.4694



66.3220, -11.9907, -27.4694

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.



45.7130, 5.0715, -40.0903



55.6780, 11.9907, 27.4694



48.2230, -21.8019, -7.2116

Square

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



55.6780, 11.9907, 27.4694



52.1120, -23.2262, 29.7198



41.4610, -6.1433, -36.3613



49.0820, 25.5956, -43.0449

Rectangle

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



55.6780, 11.9907, 27.4694



52.0270, -7.4083, 42.9493



41.4610, -6.1433, -36.3613



47.6510, 12.4971, -41.7899

Sweetspot

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



55.6780, 11.9907, 27.4694



99.9180, 4.4774, 10.5959



43.0210, 21.6816, -0.8954



48.7280, 2.5991, 6.3775



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



55.6780, 11.9907, 27.4694



63.1990, 18.6359, 42.7985



52.7140, 0.6340, 30.0688



40.6520, 1.1576, 2.0592



42.5950, 24.8497, 56.4832



93.4070, 54.0293, 124.1771

Inverse Universe

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



55.6780, 11.9907, 27.4694



63.1990, 18.6359, 42.7985



69.2860, -0.6340, -30.0688



40.6520, 1.1576, 2.0592



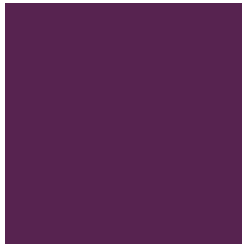
42.5950, 24.8497, 56.4832



93.4070, 54.0293, 124.1771

Previews

White Background



This preview shows how the YUV color 55.6780, 11.9907, 27.4694 looks on a white background.

Color Contrast Check

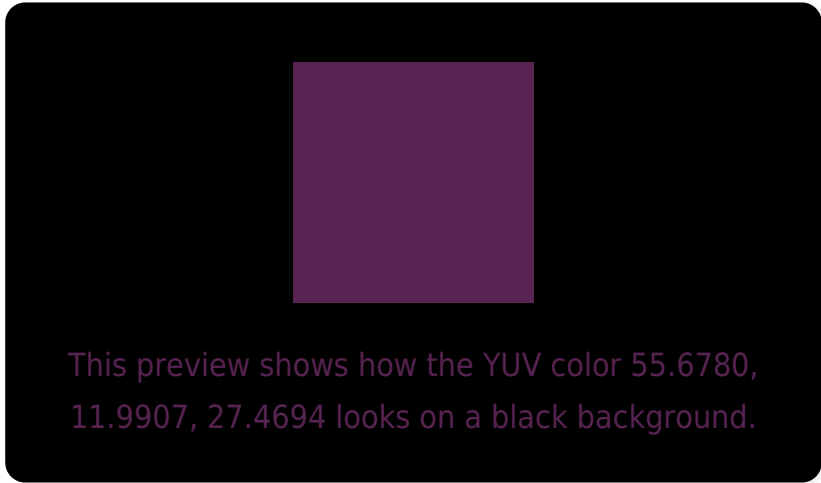
Large Text (above 18pt) WCAG AA ✓ Pass

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

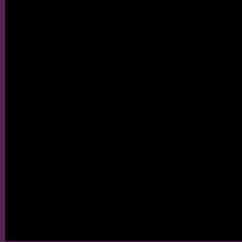
Any Text WCAG AA × Fail

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 55.6780, 11.9907, 27.4694 Background



This preview shows how black text looks on a background with the YUV color 55.6780, 11.9907, 27.4694.



This preview shows how white text looks on a background with the YUV color 55.6780, 11.9907,

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

55.6780, 11.9907, 27.4694

Protanopia

54.4060, 20.9988, -15.2651

Deuteranopia

55.7140, 10.4940, -5.8882



Tritanopia

56.0030, -4.4385, 23.6764

Trichromacy



Original Color

55.6780, 11.9907, 27.4694

Protanomaly

54.9950, 17.7505, 0.0044

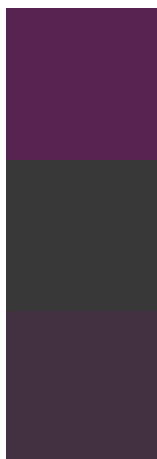
Deuteranomaly

55.9050, 10.8928, 6.2223

Tritanomaly

55.9090, 1.5239, 24.6358

Monochromacy



Original Color

55.6780, 11.9907, 27.4694

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.6190, 4.6248, 9.9811

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6780, 11.9907, 27.4694 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(87, 35, 80)` looks like.

```
.text, #text, p{  
    color:rgb(87, 35, 80)  
}
```

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(87, 35, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 35, 80) }
```

Border

The CSS property to change the border of an element to YUV 55.6780, 11.9907, 27.4694 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(87, 35, 80) }
```


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

```
.border{ border-color:rgb(87, 35, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 35, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 35, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 35, 80);  
box-shadow:4px 4px 4px 4px rgb(87, 35, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6780, 11.9907, 27.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 35, 80) }
```

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

```
.background{ background-color: rgb(87, 35,  
80) }
```

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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