

Converting Colors

YUV(55.0280, 34.9892, 71.0124)

Have a look what the booklet for
YUV(55.0280, 34.9892, 71.0124)
contains.

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Color

**YUV(55.0280, 34.9892,
71.0124)**

Conversions

Conversions Part 1

Format	Color
Hex	88007E
RGB	136, 0, 126
RGB Percent	53%, 0%, 49%
CMY	0.4667, 1.0000, 0.5059
CMYK	0.00, 1.00, 0.07, 0.47
HSL	304°, 100%, 27%
HSV	304°, 100%, 53%
XYZ	13.9192, 6.7406, 20.3061
YIQ	55.0280, 40.6100, 68.0180

Conversions

Conversions Part 2

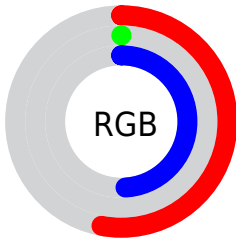
Format	Color
RYB	136, 0, 126
Decimal	8913022
CIELab	31.21, 60.06, -32.87
CIELCh	31, 68.470, 331.309
Yxy	6.7406, 0.3398, 0.1645
Android (android.graphics.Color)	4287103102 (0xFF88007E)
YUV	55.0280, 34.9892, 71.0124
Hunter-Lab	25.9627, 50.2637, -28.1985

Details

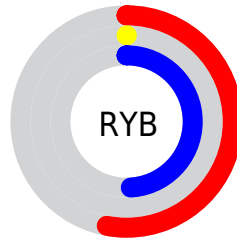
The YUV color **55.0280, 34.9892, 71.0124** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **80.9720, -34.9892, -71.0124**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5510, 28.3224, 62.6608**, and **32.8830, 21.2567, 42.1986** is the 20% darker color. If you saturate the color by 10%, you get **55.0280, 34.9892, 71.0124**, and if you desaturate by 10%, it is **63.3600, 31.3745, 63.7053**.

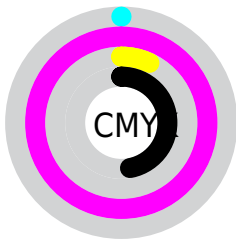
Distribution



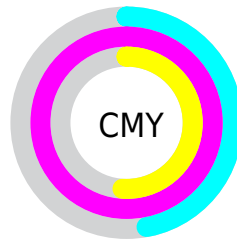
- Red (53%)
- Green (0%)
- Blue (49%)



- Red (53%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.0280, 34.9892, 71.0124 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 55.0280, 34.9892, 71.0124 by changing the saturation by 10% instead.

■ 55.0280, 34.9892,
71.0124

■ 55.0280, 34.9892,
71.0124

■ 255.0000, 0.0000,
0.0000

■ 43.8060, 28.1966,
56.2981

■ 121.5510, 28.3224,
62.6608

■ 32.8830, 21.2567,
42.1986

■ 149.8500, 28.1750,
63.2756

■ 23.0850, 14.7481,
29.7435

■ 177.8610, 28.1695,
65.0199

■ 11.6070, 9.5607,
13.4997

■ 197.4740, 28.3603,
50.4503

■ 0.1140, 0.4368,
-0.1000


■ 214.4970, 19.9680,
35.5211


■ 0.0000, 0.0000,
0.0000


■ 231.5200, 11.5756,


20.5920


 248.5430, 3.1833,
5.6628


 55.0280, 34.9892,
71.0124

 63.3600, 31.3745,
63.7053

 71.1050, 28.0492,
56.9129

 79.4370, 24.4346,
49.6058

 87.1820, 21.1093,
42.8134

 95.5140, 17.4946,
35.5062

■ 103.8460, 13.8799,
28.1991

■ 111.5910, 10.5546,
21.4067

■ 119.9230, 6.9400,
14.0995

■ 127.6680, 3.6147,
7.3072

Harmonies

Analogous

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



70.7360, 47.4582, -8.5385



55.0280, 34.9892, 71.0124



56.5750, 8.5905, 91.5807

Triad

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



55.0280, 34.9892, 71.0124



69.4620, -34.2448, 17.1348



69.8840, 29.1442, -61.2883

Complementary

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



55.0280, 34.9892, 71.0124



80.9720, -34.9892, -71.0124

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.



63.7280, 5.5571, -55.8895



55.0280, 34.9892, 71.0124



58.8650, -29.0204, -25.3146

Square

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



55.0280, 34.9892, 71.0124



67.0460, -33.0537, 55.2107



54.8990, -20.6562, -48.1464



73.2700, 47.1949, -64.2578

Rectangle

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



55.0280, 34.9892, 71.0124



52.5850, -6.6974, 95.0800



54.8990, -20.6562, -48.1464



67.8320, 21.2818, -59.4887

Sweetspot

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



55.0280, 34.9892, 71.0124



144.4330, 13.5905, 27.6843



18.1950, 58.0779, -8.0640



69.9880, 8.3869, 16.6735



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



55.0280, 34.9892, 71.0124



71.2060, 45.2544, 91.9043



47.3900, 5.7237, 77.7110



64.7770, 1.5889, 3.7036



53.7890, 34.1210, 69.4680



2.0650, 1.4470, 2.5740

Inverse Universe

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



55.0280, 34.9892, 71.0124



71.2060, 45.2544, 91.9043



88.6100, -5.7237, -77.7110



64.7770, 1.5889, 3.7036



53.7890, 34.1210, 69.4680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 55.0280, 34.9892, 71.0124 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

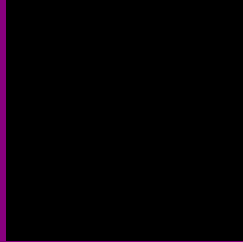
Any Text WCAG AA × Fail

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 55.0280, 34.9892, 71.0124 Background



This preview shows how black text looks on a background with the YUV color 55.0280, 34.9892, 71.0124.



This preview shows how white text looks on a background with the YUV color 55.0280, 34.9892,

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

61.3360, 47.1624, -53.7917

Deuteranopia

74.5090, 21.4411, -17.1094

Tritanopia

73.9630, -10.3348, 48.2674

Trichromacy



Protanomaly

58.8840, 42.9482, -8.6683

Deuteranomaly

67.0860, 26.5796, 14.8336

Tritanomaly

67.3720, 6.2256, 56.6788

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8950, 12.8698, 25.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.0280, 34.9892, 71.0124 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(136, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 126)  
}
```

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(136, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 126) }
```

Border

The CSS property to change the border of an element to YUV 55.0280, 34.9892, 71.0124 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(136, 0, 126) }
```

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

```
.border{ border-color:rgb(136, 0, 126) }
```

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

Here you see how a box with a 4 pixel rgb(136, 0, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(136, 0,  
126) }
```


Background

The CSS property to change the background color of an element to YUV 55.0280, 34.9892, 71.0124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 126) }
```

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

```
.background{ background-color: rgb(136, 0,  
126) }
```

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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