

Converting Colors

YUV(54.6200, 13.4983, 57.3383)

Have a look what the booklet for
YUV(54.6200, 13.4983, 57.3383)
contains.

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Color

**YUV(54.6200, 13.4983,
57.3383)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 781052 |
| RGB | 120, 16, 82 |
| RGB Percent | 47%, 6%, 32% |
| CMY | 0.5294, 0.9373, 0.6784 |
| CMYK | 0.00, 0.87, 0.32, 0.53 |
| HSL | 322°, 76%, 27% |
| HSV | 322°, 87%, 47% |
| XYZ | 9.4540, 4.9728, 8.4442 |
| YIQ | 54.6200, 40.7980, 42.5740 |

Conversions

Conversions Part 2

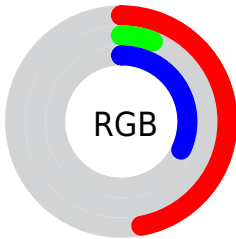
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 120, 16, 82 |
| Decimal | 7868498 |
| CIE _{Lab} | 26.66, 47.80, -11.74 |
| CIE _{LCh} | 27, 49.220, 346.198 |
| Yxy | 4.9728, 0.4134, 0.2174 |
| Android (android.graphics.Color) | 4286058578 (0xFF781052) |
| YUV | 54.6200, 13.4983, 57.3383 |
| Hunter-Lab | 22.2999, 36.6501, -6.8412 |

Details

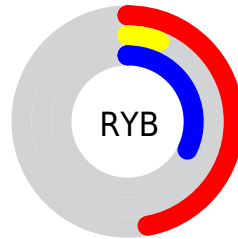
The YUV color **54.6200, 13.4983, 57.3383** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **81.3800, -13.4983, -57.3383**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9960, 9.8620, 57.0085**, and **24.2510, 6.2853, 37.4909** is the 20% darker color. If you saturate the color by 10%, you get **47.1200, 15.2238, 63.9158**, and if you desaturate by 10%, it is **62.1200, 11.7728, 50.7608**.

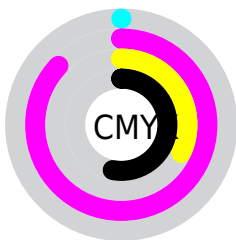
Distribution



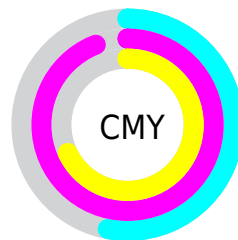
- Red (47%)
- Green (6%)
- Blue (32%)



- Red (47%)
- Yellow (6%)
- Blue (32%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (53%)





- Cyan (53%)
- Magenta (94%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.6200, 13.4983, 57.3383 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 54.6200, 13.4983, 57.3383 by changing the saturation by 10% instead.


 54.6200, 13.4983,
57.3383

 54.6200, 13.4983,
57.3383

255.0000, 0.0000,
0.0000


 34.5330, 12.0622,
51.2756

 110.9960, 9.8620,
57.0085


 24.2510, 6.2853,
37.4909


 138.2950, 9.7146,
57.6233

 14.5670, 0.2135,
24.9357

 165.4910, 9.1249,
60.0824


 0.0000, 0.0000,
0.0000


 191.3980, 10.1568,
55.7790


 210.5530, 15.0104,
38.9800


 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 54.6200, 13.4983,
57.3383

 54.6200, 13.4983,
57.3383

 47.1200, 15.2238,
63.9158

 62.1200, 11.7728,
50.7608

 44.5440, 15.5078,
66.1749

 69.7340, 10.4841,
44.0833

 77.2340, 8.7586,
37.5058

 84.8480, 7.4699,
30.8283

 92.3480, 5.7444,
24.2508

■ 99.8480, 4.0189,
17.6733

■ 107.4620, 2.7302,
10.9958

■ 114.9620, 1.0047,
4.4183

■ 122.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



63.9020, 25.6843, 22.0109



54.6200, 13.4983, 57.3383



50.1470, -2.5375, 67.4001

Triad

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



54.6200, 13.4983, 57.3383



57.8560, -28.5230, 1.8803



59.1240, 28.5329, -51.8517

Complementary

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



54.6200, 13.4983, 57.3383



81.3800, -13.4983, -57.3383

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.



55.8350, 13.3923, -48.9673



54.6200, 13.4983, 57.3383



44.0250, -21.7043, -38.6099

Square

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



54.6200, 13.4983, 57.3383



59.7930, -29.4779, 28.2455



50.8020, -3.3534, -44.5534



58.4690, 38.7158, -51.2773

Rectangle

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



54.6200, 13.4983, 57.3383



55.3080, -16.9138, 58.4889



50.8020, -3.3534, -44.5534



58.5710, 23.8755, -51.3668

Sweetspot

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



54.6200, 13.4983, 57.3383



130.2230, 5.3131, 22.6064



38.6200, 40.1203, 11.7343



63.8860, 3.0142, 13.2550



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.



54.6200, 13.4983, 57.3383



57.9300, 20.2475, 86.0074



48.9200, -8.3416, 62.3372



57.2500, 0.8628, 3.2887



46.3810, 16.0812, 68.9489



93.5880, 32.7411, 138.9273

Inverse Universe

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



54.6200, 13.4983, 57.3383



57.9300, 20.2475, 86.0074



87.0800, 8.3416, -62.3372



57.2500, 0.8628, 3.2887



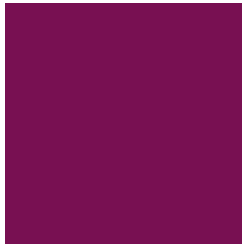
46.3810, 16.0812, 68.9489



93.5880, 32.7411, 138.9273

Previews

White Background



This preview shows how the YUV color 54.6200, 13.4983, 57.3383 looks on a white background.

Color Contrast Check

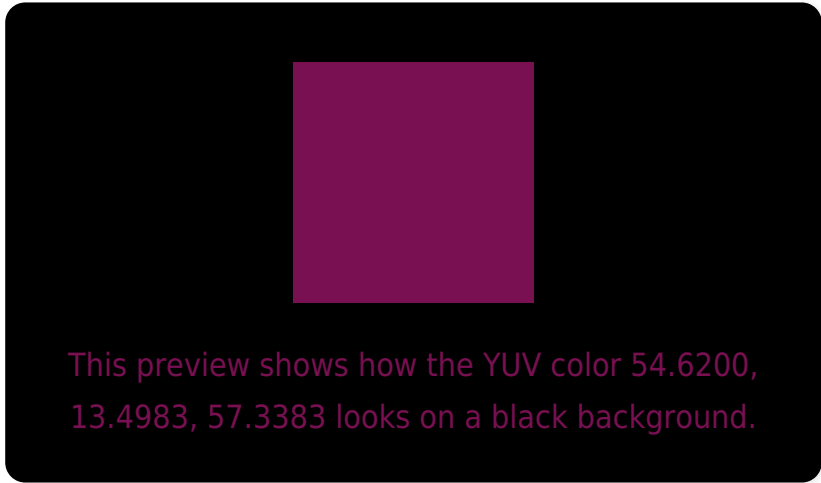
Large Text (above 18pt) WCAG AA ✓ Pass

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

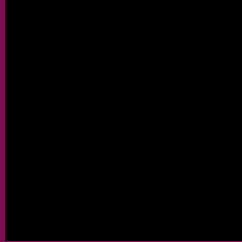
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6200, 13.4983, 57.3383

Background



This preview shows how black text looks on a background with the YUV color 54.6200, 13.4983, 57.3383.



This preview shows how white text looks on a background with the YUV color 54.6200, 13.4983,

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

54.6200, 13.4983, 57.3383

Protanopia

63.1220, 25.0829, -18.5240

Deuteranopia

66.0800, 5.3836, -0.0702



Tritanopia

59.7460, -11.2138, 50.2118

Trichromacy



Original Color

54.6200, 13.4983, 57.3383

Protanomaly

60.1470, 20.6335, 8.6411

Deuteranomaly

62.3090, 8.2287, 20.7770

Tritanomaly

57.7600, -2.3467, 52.8305

Monochromacy



Original Color

54.6200, 13.4983, 57.3383

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0980, 4.8817, 20.9621

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6200, 13.4983, 57.3383 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(120, 16, 82)` looks like.

```
.text, #text, p{  
    color:rgb(120, 16, 82)  
}
```

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(120, 16, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 16, 82) }
```

Border

The CSS property to change the border of an element to YUV 54.6200, 13.4983, 57.3383 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(120, 16, 82) }
```


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

```
.border{ border-color:rgb(120, 16, 82) }
```

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

Here you see how a box with a 4 pixel rgb(120, 16, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 16, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 16, 82);  
box-shadow:4px 4px 4px 4px rgb(120, 16,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 54.6200, 13.4983, 57.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 16, 82) }
```

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

```
.background{ background-color: rgb(120, 16,  
82) }
```

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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