

Converting Colors

YUV(54.5680, 12.5380, 85.4479)

Have a look what the booklet for
YUV(54.5680, 12.5380, 85.4479)
contains.

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Color

**YUV(54.5680, 12.5380,
85.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	980050
RGB	152, 0, 80
RGB Percent	60%, 0%, 31%
CMY	0.4039, 1.0000, 0.6863
CMYK	0.00, 1.00, 0.47, 0.40
HSL	328°, 100%, 30%
HSV	328°, 100%, 60%
XYZ	14.3969, 7.2546, 8.2309
YIQ	54.5680, 64.9120, 57.1040

Conversions

Conversions Part 2

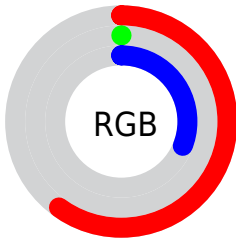
Format	Color
R_{YB}	152, 0, 80
Decimal	9961552
CIE Lab	32.38, 58.00, -1.15
CIE LCh	32, 58.009, 358.862
Yxy	7.2546, 0.4818, 0.2428
Android (android.graphics.Color)	4288151632 (0xFF980050)
YUV	54.5680, 12.5380, 85.4479
Hunter-Lab	26.9343, 48.2762, 0.7355

Details

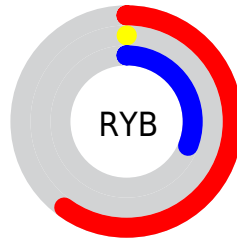
The YUV color **54.5680, 12.5380, 85.4479** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **97.4320, -12.5380, -85.4479**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8200, 3.5397, 78.2109**, and **32.5090, 1.7211, 54.8046** is the 20% darker color. If you saturate the color by 10%, you get **54.5680, 12.5380, 85.4479**, and if you desaturate by 10%, it is **64.1710, 11.2547, 77.0260**.

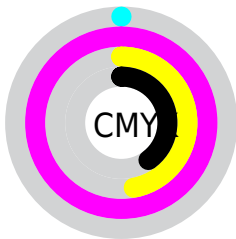
Distribution



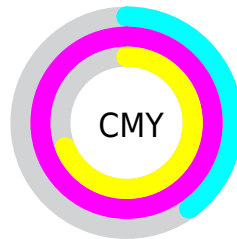
- Red (60%)
- Green (0%)
- Blue (31%)



- Red (60%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5680, 12.5380, 85.4479 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 54.5680, 12.5380, 85.4479 by changing the saturation by 10% instead.

■ 54.5680, 12.5380,
85.4479

■ 54.5680, 12.5380,
85.4479

255.0000, 0.0000,
0.0000

■ 43.2750, 6.7664,
69.9188

■ 121.8200, 3.5397,
78.2109

■ 32.5090, 1.7211,
54.8046

■ 150.1900, 2.3713,
79.6404

■ 21.9280, -3.9085,
40.4051

■ 173.8900, 3.9982,
71.1335

■ 11.7750, -5.3121,
23.8763

■ 193.4040, 7.6888,
54.0197

■ 0.0000, 0.0000,
0.0000

■ 213.7330, 11.9636,
36.1912

■ 232.6940, 10.9969,

19.5624

249.7170, 2.6045,
4.6332

54.5680, 12.5380,
85.4479

64.1710, 11.2547,
77.0260

73.7740, 9.9714,
68.6042

84.0780, 8.8355,
59.5676

93.6810, 7.5523,
51.1458

103.2840, 6.2690,
42.7239

■ 112.8870, 4.9857,
34.3021

■ 122.4900, 3.7024,
25.8803

■ 132.7940, 2.5666,
16.8437

■ 142.3970, 1.2833,
8.4218

Harmonies

Analogous

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



73.2410, 25.0242, 47.1466



54.5680, 12.5380, 85.4479



62.3410, -13.4791, 76.8769

Triad

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



54.5680, 12.5380, 85.4479



65.4320, -32.2580, -13.5339



71.6740, 41.0797, -62.8581

Complementary

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



54.5680, 12.5380, 85.4479



97.4320, -12.5380, -85.4479

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.



69.3310, 24.4868, -60.8033



54.5680, 12.5380, 85.4479



56.6260, -16.5776, -49.6610

Square

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



54.5680, 12.5380, 85.4479



71.8430, -35.4186, 20.3087



64.0870, 4.3941, -56.2043



67.9870, 49.7994, -59.6246

Rectangle

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



54.5680, 12.5380, 85.4479



67.9050, -32.4912, 61.4733



64.0870, 4.3941, -56.2043



71.7080, 36.1330, -62.8879

Sweetspot

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



54.5680, 12.5380, 85.4479



158.1750, 4.8437, 33.1725



38.5570, 55.9274, 28.4525



76.5170, 2.7031, 19.7176



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



54.5680, 12.5380, 85.4479



70.3460, 16.0984, 110.1986



46.0180, -20.2219, 92.9462



71.8480, 0.5679, 4.5183



50.2960, 11.6861, 78.6704



4.6850, 1.1413, 7.2923

Inverse Universe

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



54.5680, 12.5380, 85.4479



70.3460, 16.0984, 110.1986



105.9820, 20.2219, -92.9462



71.8480, 0.5679, 4.5183



50.2960, 11.6861, 78.6704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 54.5680, 12.5380, 85.4479 looks on a white background.

Color Contrast Check

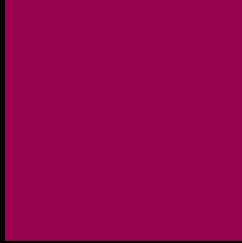
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 54.5680, 12.5380, 85.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

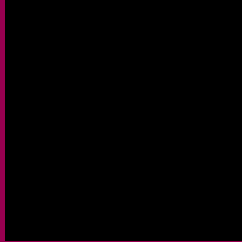
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.5680, 12.5380, 85.4479

Background



This preview shows how black text looks on a background with the YUV color 54.5680, 12.5380, 85.4479.



This preview shows how white text looks on a background with the YUV color 54.5680, 12.5380,

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

54.5680, 12.5380, 85.4479

Protanopia

78.9290, 17.7830, -10.4617

Deuteranopia

80.2460, -3.0793, 7.6773



Tritanopia

67.2820, -17.3940, 72.5437

Trichromacy



Original Color

54.5680, 12.5380, 85.4479

Protanomaly

70.2800, 15.6380, 24.3104

Deuteranomaly

70.9150, 2.5069, 36.0315

Tritanomaly

62.4750, -6.6432, 77.6364

Monochromacy



Original Color

54.5680, 12.5380, 85.4479

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7510, 4.5598, 30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5680, 12.5380, 85.4479 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(152, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 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(152, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 80) }
```

Border

The CSS property to change the border of an element to YUV 54.5680, 12.5380, 85.4479 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(152, 0, 80) }
```


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

```
.border{ border-color:rgb(152, 0, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(152, 0, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.5680, 12.5380, 85.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 80) }
```

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

```
.background{ background-color: rgb(152, 0,  
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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