

Converting Colors

YUV(54.3950, 21.4973, 58.4126)

Have a look what the booklet for
YUV(54.3950, 21.4973, 58.4126)
contains.

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Color

**YUV(54.3950, 21.4973,
58.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	790C62
RGB	121, 12, 98
RGB Percent	47%, 5%, 38%
CMY	0.5255, 0.9529, 0.6157
CMYK	0.00, 0.90, 0.19, 0.53
HSL	313°, 82%, 26%
HSV	313°, 90%, 47%
XYZ	10.2212, 5.2097, 12.0221
YIQ	54.3950, 37.3580, 49.8540

Conversions

Conversions Part 2

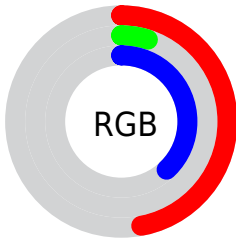
Format	Color
R_{YB}	121, 12, 98
Decimal	7933026
CIE _{Lab}	27.32, 51.03, -21.25
CIE _{LCh}	27, 55.277, 337.390
Yxy	5.2097, 0.3723, 0.1898
Android (android.graphics.Color)	4286123106 (0xFF790C62)
YUV	54.3950, 21.4973, 58.4126
Hunter-Lab	22.8248, 39.9909, -15.2514

Details

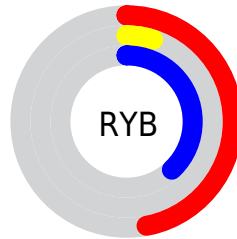
The YUV color **54.3950, 21.4973, 58.4126** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **78.6050, -21.4973, -58.4126**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7600, 17.8663, 56.3385**, and **26.1460, 12.2530, 36.7060** is the 20% darker color. If you saturate the color by 10%, you get **47.0090, 23.6596, 64.8901**, and if you desaturate by 10%, it is **61.7810, 19.3350, 51.9351**.

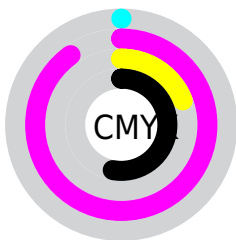
Distribution



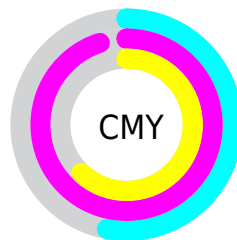
- Red (47%)
- Green (5%)
- Blue (38%)



- Red (47%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (90%)
- Yellow (19%)
- Black (53%)



- Cyan (53%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3950, 21.4973, 58.4126 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 54.3950, 21.4973, 58.4126 by changing the saturation by 10% instead.

■ 54.3950, 21.4973,
58.4126

■ 54.3950, 21.4973,
58.4126

255.0000, 0.0000,
0.0000

■ 36.5420, 18.4668,
50.3907

■ 112.7600, 17.8663,
56.3385

■ 26.1460, 12.2530,
36.7060

■ 140.0590, 17.7189,
56.9533

■ 16.5760, 6.6180,
24.0508

■ 167.6570, 17.4241,
58.1828


■ 0.0000, 0.0000,
0.0000


■ 192.9770, 18.7453,
54.3942


■ 212.1490, 21.1255,
37.5803


■ 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 54.3950, 21.4973,
58.4126


 54.3950, 21.4973,
58.4126


 47.0090, 23.6596,
64.8901

 61.7810, 19.3350,
51.9351

 69.0530, 16.7359,
45.5575

 76.4390, 14.5736,
39.0800

 83.7110, 11.9745,
32.7025

 91.0970, 9.8122,
26.2249

■ 98.9560, 6.9237,
19.3326

■ 106.3420, 4.7614,
12.8551

■ 113.6140, 2.1623,
6.4775

■ 121.0000, 0.0000,
0.0000

Harmonies

Analogous

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



65.1760, 33.4372, 8.6156



54.3950, 21.4973, 58.4126



47.0480, 4.4133, 78.0109

Triad

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



54.3950, 21.4973, 58.4126



59.9710, -29.5657, 9.6724



61.3580, 26.9385, -53.8110

Complementary

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



54.3950, 21.4973, 58.4126



78.6050, -21.4973, -58.4126

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.



56.5700, 8.5930, -49.6119



54.3950, 21.4973, 58.4126



50.8910, -25.0893, -26.2144

Square

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



54.3950, 21.4973, 58.4126



60.7450, -29.9473, 38.8116



50.2660, -10.4841, -44.0833



62.2020, 40.3264, -54.5512

Rectangle

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



54.3950, 21.4973, 58.4126



46.5950, -8.6743, 75.7772



50.2660, -10.4841, -44.0833



59.8760, 21.2601, -52.5113

Sweetspot

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



54.3950, 21.4973, 58.4126



131.7330, 8.5126, 23.0362



31.0040, 44.3680, 2.6275



63.7550, 5.0508, 13.3699



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.



54.3950, 21.4973, 58.4126



61.4920, 31.3094, 84.6375



48.3530, -1.6530, 63.7114



57.3640, 1.2995, 3.1888



48.6610, 24.8171, 66.9493



98.0340, 49.7762, 135.0282

Inverse Universe

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



54.3950, 21.4973, 58.4126



61.4920, 31.3094, 84.6375



84.6470, 1.6530, -63.7114



57.3640, 1.2995, 3.1888



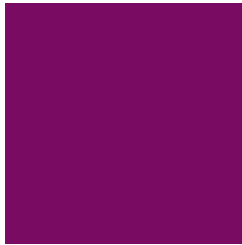
48.6610, 24.8171, 66.9493



98.0340, 49.7762, 135.0282

Previews

White Background



This preview shows how the YUV color 54.3950, 21.4973, 58.4126 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

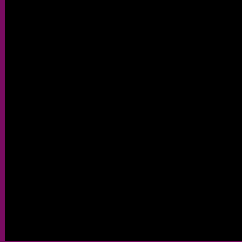
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3950, 21.4973, 58.4126

Background



This preview shows how black text looks on a background with the YUV color 54.3950, 21.4973, 58.4126.



This preview shows how white text looks on a background with the YUV color 54.3950, 21.4973,

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

54.3950, 21.4973, 58.4126

Protanopia

54.6810, 40.5833, -43.5702

Deuteranopia

66.8710, 12.3886, -6.9029



Tritanopia

62.9520, -10.3293, 46.5231

Trichromacy



Original Color

54.3950, 21.4973, 58.4126

Protanomaly

54.4900, 33.7754, -6.5687

Deuteranomaly

62.2360, 15.6597, 17.3330

Tritanomaly

59.9600, 1.0057, 50.9011

Monochromacy



Original Color

54.3950, 21.4973, 58.4126

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1950, 7.7919, 20.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3950, 21.4973, 58.4126 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(121, 12, 98)` looks like.

```
.text, #text, p{  
    color:rgb(121, 12, 98)  
}
```

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(121, 12, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 12, 98) }
```

Border

The CSS property to change the border of an element to YUV 54.3950, 21.4973, 58.4126 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(121, 12, 98) }
```


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

```
.border{ border-color:rgb(121, 12, 98) }
```

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

Here you see how a box with a 4 pixel rgb(121, 12, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 12, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 12, 98);  
box-shadow:4px 4px 4px 4px rgb(121, 12,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 54.3950, 21.4973, 58.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 12, 98) }
```

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

```
.background{ background-color: rgb(121, 12,  
98) }
```

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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