

Converting Colors

YUV(53.6580, -7.7194, 49.4119)

Have a look what the booklet for
YUV(53.6580, -7.7194, 49.4119)
contains.

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Color

**YUV(53.6580, -7.7194,
49.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	6E1C26
RGB	110, 28, 38
RGB Percent	43%, 11%, 15%
CMY	0.5686, 0.8902, 0.8510
CMYK	0.00, 0.75, 0.65, 0.57
HSL	353°, 59%, 27%
HSV	353°, 75%, 43%
XYZ	7.1955, 4.2854, 2.2816
YIQ	53.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

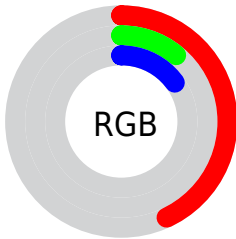
Format	Color
R_{YB}	110, 28, 38
Decimal	7216166
CIE Lab	24.59, 36.54, 14.85
CIE LCh	25, 39.446, 22.114
Yxy	4.2854, 0.5228, 0.3114
Android (android.graphics.Color)	4285406246 (0xFF6E1C26)
YUV	53.6580, -7.7194, 49.4119
Hunter-Lab	20.7013, 25.8170, 7.9561

Details

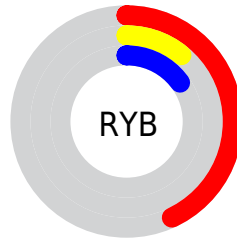
The YUV color **53.6580, -7.7194, 49.4119** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.3420, 7.7194, -49.4119**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.8820, -10.7878, 53.6005**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **46.0610, -8.9041, 56.0745**, and if you desaturate by 10%, it is **61.2550, -6.5347, 42.7494**.

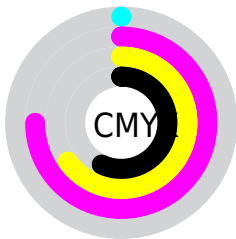
Distribution



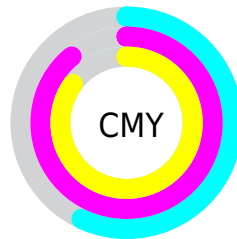
- Red (43%)
- Green (11%)
- Blue (15%)



- Red (43%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (65%)
- Black (57%)



- Cyan (57%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6580, -7.7194, 49.4119 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 53.6580, -7.7194, 49.4119 by changing the saturation by 10% instead.

■ 53.6580, -7.7194,
49.4119

■ 53.6580, -7.7194,
49.4119

255.0000, 0.0000,
0.0000

■ 26.8690, -4.3724,
49.2269

■ 104.8820,
-10.7878, 53.6005

■ 17.0430, -8.4022,
35.0423

■ 131.5510,
-12.1036, 55.6448

■ 7.8880, -3.3958,
15.8842

■ 158.6330,
-13.1301, 58.2039

■ 0.0000, 0.0000,
0.0000

■ 186.1170,
-13.8617, 59.5334

■ 205.3430,
-10.0291, 43.5492

■ 224.9710, -5.9017,

26.3354

245.1860, -2.0637,
8.6069

53.6580, -7.7194,
49.4119

53.6580, -7.7194,
49.4119

46.0610, -8.9041,
56.0745

61.2550, -6.5347,
42.7494

38.5780, -9.6520,
62.6371

68.7380, -5.7868,
36.1868

34.3720, -10.5364,
66.3258

76.3350, -4.6022,
29.5242

83.9320, -3.4175,
22.8616

91.4150, -2.6696,
16.2990

■ 99.0120, -1.4849,
9.6365

■ 106.6090, -0.3002,
2.9739

■ 114.0920, 0.4476,
-3.5887

■ 121.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



55.0070, 6.4055, 45.5979



53.6580, -7.7194, 49.4119



54.8080, -22.0903, 38.7564

Triad

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



53.6580, -7.7194, 49.4119



43.5660, -12.1110, -35.5764



51.0200, 33.0211, -44.7445

Complementary

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



53.6580, -7.7194, 49.4119



84.3420, 7.7194, -49.4119

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.



53.0600, 25.6064, -46.5336



53.6580, -7.7194, 49.4119



47.2630, 0.8563, -41.4497

Square

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



53.6580, -7.7194, 49.4119



52.2300, -25.7494, -1.0787



51.3840, 14.1077, -45.0638



56.3550, 28.4190, -15.2203

Rectangle

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



53.6580, -7.7194, 49.4119



55.0640, -27.1466, 27.1309



51.3840, 14.1077, -45.0638



52.4390, 30.8426, -45.9890

Sweetspot

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



53.6580, -7.7194, 49.4119



121.0240, -2.9698, 19.2730



58.5770, 25.3515, 35.4510



58.6100, -1.7797, 10.8660



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



53.6580, -7.7194, 49.4119



55.6830, -12.1687, 76.5770



70.1280, -20.7691, 34.9677



51.9080, -0.4476, 3.5887



37.5900, -11.1369, 72.2736



77.2730, -23.3056, 148.8506

Inverse Universe

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



53.6580, -7.7194, 49.4119



55.6830, -12.1687, 76.5770



67.8720, 20.7691, -34.9677



51.9080, -0.4476, 3.5887



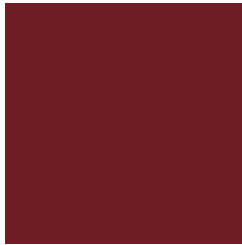
37.5900, -11.1369, 72.2736



77.2730, -23.3056, 148.8506

Previews

White Background



This preview shows how the YUV color 53.6580, -7.7194, 49.4119 looks on a white background.

Color Contrast Check

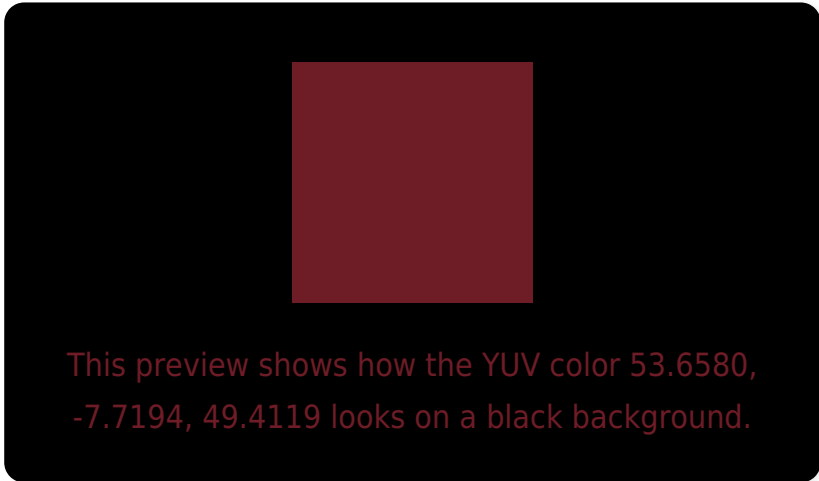
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.6580, -7.7194, 49.4119

Background



This preview shows how black text looks on a background with the YUV color 53.6580, -7.7194, 49.4119.



This preview shows how white text looks on a background with the YUV color 53.6580, -7.7194,

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

53.6580, -7.7194, 49.4119

Protanopia

59.8710, -4.3734, 2.7441

Deuteranopia

59.1620, -12.4049, 12.1359



Tritanopia

53.4470, -11.0664, 49.5970

Trichromacy



Original Color

53.6580, -7.7194, 49.4119

Protanomaly

57.3400, -5.5906, 19.8728

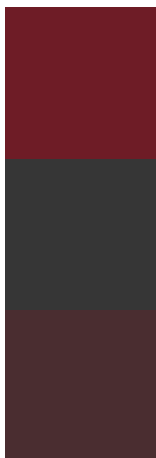
Deuteranomaly

56.7060, -10.7011, 25.6908

Tritanomaly

53.7890, -9.7560, 49.2970

Monochromacy



Original Color

53.6580, -7.7194, 49.4119

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6580, -7.7194, 49.4119 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(110, 28, 38)` looks like.

```
.text, #text, p{  
    color:rgb(110, 28, 38)  
}
```

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(110, 28, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 28, 38) }
```

Border

The CSS property to change the border of an element to YUV 53.6580, -7.7194, 49.4119 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(110, 28, 38) }
```


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

```
.border{ border-color:rgb(110, 28, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 28, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 28, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 28, 38);  
box-shadow:4px 4px 4px 4px rgb(110, 28,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 53.6580, -7.7194, 49.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 28, 38) }
```

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

```
.background{ background-color: rgb(110, 28,  
38) }
```

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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