

Converting Colors

YUV(54.8870, 28.6497, 50.9651)

Have a look what the booklet for
YUV(54.8870, 28.6497, 50.9651)
contains.

YUV(54.8870, 28.6497, 50.9651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(54.8870, 28.6497,
50.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	710E71
RGB	113, 14, 113
RGB Percent	44%, 5%, 44%
CMY	0.5569, 0.9451, 0.5569
CMYK	0.00, 0.88, 0.00, 0.56
HSL	300°, 78%, 25%
HSV	300°, 88%, 44%
XYZ	9.9477, 5.0170, 16.0669
YIQ	54.8870, 27.2250, 51.7770

Conversions

Conversions Part 2

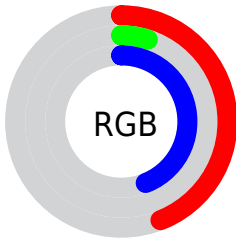
Format	Color
R _Y B	113, 14, 113
Decimal	7409265
CIE Lab	26.78, 51.22, -31.92
CIE LCh	27, 60.353, 328.067
Yxy	5.0170, 0.3206, 0.1617
Android (android.graphics.Color)	4285599345 (0xFF710E71)
YUV	54.8870, 28.6497, 50.9651
Hunter-Lab	22.3988, 40.0775, -26.8502

Details

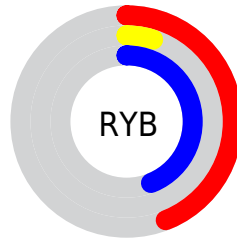
The YUV color **54.8870, 28.6497, 50.9651** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.1130, -28.6497, -50.9651**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8930, 26.1818, 49.2058**, and **25.5350, 18.9632, 31.1028** is the 20% darker color. If you saturate the color by 10%, you get **48.4300, 31.8330, 56.6279**, and if you desaturate by 10%, it is **61.3440, 25.4664, 45.3023**.

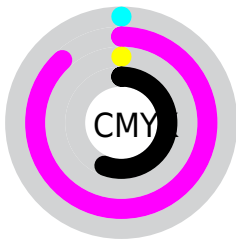
Distribution



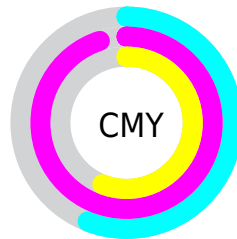
- Red (44%)
- Green (5%)
- Blue (44%)



- Red (44%)
- Yellow (5%)
- Blue (44%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (95%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8870, 28.6497, 50.9651 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 54.8870, 28.6497, 50.9651 by changing the saturation by 10% instead.

■ 54.8870, 28.6497,
50.9651

■ 54.8870, 28.6497,
50.9651

■ 255.0000, 0.0000,
0.0000

■ 36.0450, 25.6138,
44.6875

■ 111.8930, 26.1818,
49.2058

■ 25.5350, 18.9632,
31.1028

■ 139.3060, 26.4711,
49.7206

■ 16.1500, 12.7440,
19.1624

■ 167.0180, 26.6131,
50.8502

■ 2.7530, 8.0098,
-2.4144

■ 195.0290, 26.6077,
52.5946


■ 0.0000, 0.0000,
0.0000


■ 212.1490, 21.1255,
37.5803


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 54.8870, 28.6497,
50.9651


 54.8870, 28.6497,
50.9651


 48.4300, 31.8330,
56.6279


 61.3440, 25.4664,
45.3023

 46.6690, 32.7012,
58.1723

 68.3880, 21.9937,
39.1247

 74.8450, 18.8104,
33.4619

 81.3020, 15.6271,
27.7991

 87.7590, 12.4438,
22.1364

■ 94.8030, 8.9711,
15.9588

■ 101.2600, 5.7878,
10.2960

■ 107.7170, 2.6045,
4.6332

■ 114.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



59.1280, 42.8279, -16.7753



54.8870, 28.6497, 50.9651



49.0140, 9.3601, 78.0407

Triad

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



54.8870, 28.6497, 50.9651



60.0260, -29.5928, 18.3942



60.2180, 22.5705, -52.8112

Complementary

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



54.8870, 28.6497, 50.9651



72.1130, -28.6497, -50.9651

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.



54.2730, 2.3304, -47.5974



54.8870, 28.6497, 50.9651



53.3160, -26.2848, -16.0631

Square

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



54.8870, 28.6497, 50.9651



56.6910, -27.9487, 51.1370



46.2420, -20.8253, -40.5542



62.5610, 39.1634, -54.8660

Rectangle

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



54.8870, 28.6497, 50.9651



45.8930, -3.8912, 81.6548



46.2420, -20.8253, -40.5542



58.5080, 16.0186, -51.3115

Sweetspot

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



54.8870, 28.6497, 50.9651



125.1070, 11.2862, 20.0772



25.2860, 43.2430, -9.8978



60.4990, 6.6560, 11.8404



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



54.8870, 28.6497, 50.9651



61.1240, 42.8299, 76.1903



49.3010, 7.2466, 55.8640



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Inverse Universe

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



54.8870, 28.6497, 50.9651



61.1240, 42.8299, 76.1903



77.8130, -6.8098, -55.9640



52.4780, 1.7363, 3.0888



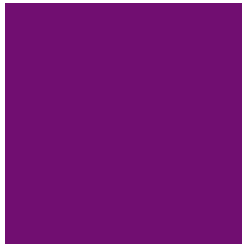
49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 54.8870, 28.6497, 50.9651 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

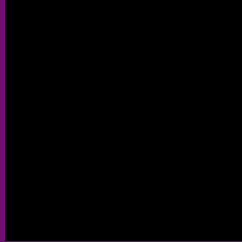
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8870, 28.6497, 50.9651

Background



This preview shows how black text looks on a background with the YUV color 54.8870, 28.6497, 50.9651.



This preview shows how white text looks on a background with the YUV color 54.8870, 28.6497,

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

54.8870, 28.6497, 50.9651

Protanopia

52.2570, 40.2993, -45.8294

Deuteranopia

63.0850, 21.1571, -19.3685



Tritanopia

64.2820, -7.5340, 36.5867

Trichromacy



Original Color

54.8870, 28.6497, 50.9651

Protanomaly

53.0380, 35.9703, -10.5573

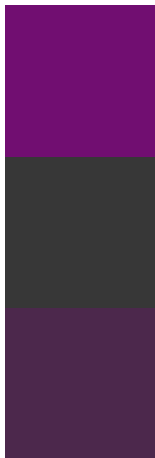
Deuteranomaly

60.0480, 24.1333, 6.0969

Tritanomaly

60.7570, 5.5428, 42.3091

Monochromacy



Original Color

54.8870, 28.6497, 50.9651

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8680, 10.4181, 18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8870, 28.6497, 50.9651 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(113, 14, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 14, 113)  
}
```

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(113, 14, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 14, 113) }
```

Border

The CSS property to change the border of an element to YUV 54.8870, 28.6497, 50.9651 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(113, 14, 113) }
```


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

```
.border{ border-color:rgb(113, 14, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 14, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 14, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 14, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 14,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 54.8870, 28.6497, 50.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 14, 113) }
```

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

```
.background{ background-color: rgb(113, 14,  
113) }
```

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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