

Converting Colors

YUV(66.4940, 54.9725, 54.8178)

Have a look what the booklet for
YUV(66.4940, 54.9725, 54.8178)
contains.

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Color

**YUV(66.4940, 54.9725,
54.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	810DB2
RGB	129, 13, 178
RGB Percent	51%, 5%, 70%
CMY	0.4941, 0.9490, 0.3020
CMYK	0.28, 0.93, 0.00, 0.30
HSL	282°, 86%, 37%
HSV	282°, 93%, 70%
XYZ	17.2331, 8.1693, 42.7880
YIQ	66.4940, 16.1710, 75.9070

Conversions

Conversions Part 2

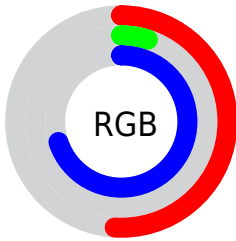
Format	Color
R_{YB}	129, 13, 178
Decimal	8457650
CIE _{Lab}	34.33, 66.04, -59.71
CIE _{LCh}	34, 89.034, 317.881
Yxy	8.1693, 0.2527, 0.1198
Android (android.graphics.Color)	4286647730 (0xFF810DB2)
YUV	66.4940, 54.9725, 54.8178
Hunter-Lab	28.5820, 57.6051, -68.7512

Details

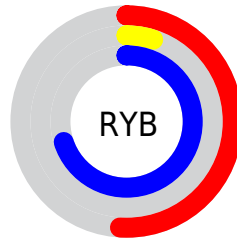
The YUV color **66.4940, 54.9725, 54.8178** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **124.5060, -54.9725, -54.8178**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6630, 51.9311, 50.2845**, and **35.6640, 43.5496, 31.8667** is the 20% darker color. If you saturate the color by 10%, you get **57.6670, 59.3242, 59.0510**, and if you desaturate by 10%, it is **78.5550, 49.0264, 48.6253**.

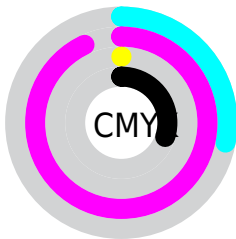
Distribution



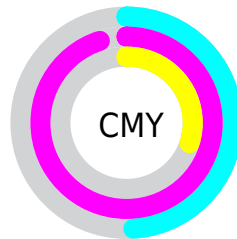
- Red (51%)
- Green (5%)
- Blue (70%)



- Red (51%)
- Yellow (5%)
- Blue (70%)



- Cyan (28%)
- Magenta (93%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (95%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4940, 54.9725, 54.8178 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 66.4940, 54.9725, 54.8178 by changing the saturation by 10% instead.

66.4940, 54.9725,
54.8178

66.4940, 54.9725,
54.8178

255.0000, 0.0000,
0.0000

47.4130, 51.0684,
46.9958

129.6630, 51.9311,
50.2845

35.6640, 43.5496,
31.8667

157.0500, 48.2894,
51.6992

24.0290, 36.4677,
16.6376

182.4560, 35.7642,
55.7281

10.2300, 31.4386,
-3.7097

201.5830, 26.3346,
46.8467

8.0480, 20.6823,
-7.0581

218.6060, 17.9422,
31.9175

3.7790, 11.9410,
-3.3142

235.6290, 9.5499,

0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

66.4940, 54.9725,
54.8178

66.4940, 54.9725,
54.8178

57.6670, 59.3242,
59.0510

78.5550, 49.0264,
48.6253

90.9150, 42.9329,
43.0475

102.3890, 37.2762,
37.3698

114.4500, 31.3301,
31.1773

126.5110, 25.3841,
24.9849

■ 138.8710, 19.2906,
19.4071

■ 150.9320, 13.3445,
13.2146

■ 162.4060, 7.6878,
7.5369

■ 174.7660, 1.5944,
1.9592

Harmonies

Analogous

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



70.2790, 73.8125, -61.6347



66.4940, 54.9725, 54.8178



68.1970, 22.0879, 102.4362

Triad

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



66.4940, 54.9725, 54.8178



76.1060, -37.5203, 41.1260



76.2440, 23.0507, -66.8660

Complementary

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



66.4940, 54.9725, 54.8178



124.5060, -54.9725, -54.8178

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.



66.5200, -9.1304, -58.3380



66.4940, 54.9725, 54.8178



70.1720, -34.5948, -10.6748

Square

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



66.4940, 54.9725, 54.8178



50.5310, -24.9118, 103.8973



58.7000, -28.9391, -51.4799



83.5400, 51.0058, -73.2646

Rectangle

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



66.4940, 54.9725, 54.8178



65.8290, 0.0843, 113.2830



58.7000, -28.9391, -51.4799



73.5080, 12.5676, -64.4665

Sweetspot

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



66.4940, 54.9725, 54.8178



188.1640, 21.6111, 21.7812



60.5730, 57.8915, -41.7215



89.9320, 13.3445, 13.2146



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



66.4940, 54.9725, 54.8178



75.1850, 77.3098, 77.0138



77.3830, 33.3352, 88.2411



83.1190, 2.8993, 3.4036



49.7340, 50.9101, 51.0993



8.3460, 8.7034, 8.4666

Inverse Universe

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



67.9210, -2.9191, 96.5393



77.2340, -4.0594, 135.7298



113.6170, -33.3352, -88.2411



83.0330, -0.0163, 5.2331



50.8770, -2.8974, 89.5619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 66.4940, 54.9725, 54.8178 looks on a white background.

Color Contrast Check

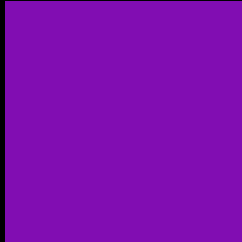
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.4940, 54.9725, 54.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

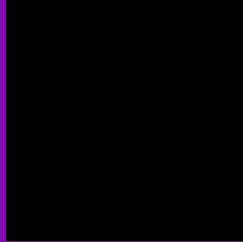
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4940, 54.9725, 54.8178

Background



This preview shows how black text looks on a background with the YUV color 66.4940, 54.9725, 54.8178.



This preview shows how white text looks on a background with the YUV color 66.4940, 54.9725,

54.8178.

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

66.4940, 54.9725, 54.8178

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

65.9520, 39.4637, -57.8399



Tritanopia

83.2420, -3.5703, 25.2208

Trichromacy



Original Color

66.4940, 54.9725, 54.8178

Protanomaly

66.5330, 51.9952, -17.1304

Deuteranomaly

66.1110, 45.3013, -16.7603

Tritanomaly

76.9270, 17.7840, 36.0210

Monochromacy



Original Color

66.4940, 54.9725, 54.8178

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3980, 20.0168, 19.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4940, 54.9725, 54.8178 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(129, 13, 178)` looks like.

```
.text, #text, p{  
    color:rgb(129, 13, 178)  
}
```

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(129, 13, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 13, 178) }
```

Border

The CSS property to change the border of an element to YUV 66.4940, 54.9725, 54.8178 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(129, 13, 178) }
```


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

```
.border{ border-color:rgb(129, 13, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 13, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 13, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 13, 178);  
box-shadow:4px 4px 4px 4px rgb(129, 13,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 66.4940, 54.9725, 54.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 13, 178) }
```

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

```
.background{ background-color: rgb(129, 13,  
178) }
```

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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