

Converting Colors

YUV(86.7470, 54.8477, 94.9379)

Have a look what the booklet for
YUV(86.7470, 54.8477, 94.9379)
contains.

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Color

**YUV(86.7470, 54.8477,
94.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	C30AC6
RGB	195, 10, 198
RGB Percent	76%, 4%, 78%
CMY	0.2353, 0.9608, 0.2235
CMYK	0.02, 0.95, 0.00, 0.22
HSL	299°, 90%, 41%
HSV	299°, 95%, 78%
XYZ	32.8073, 15.8964, 54.7653
YIQ	86.7470, 49.9120, 97.6880

Conversions

Conversions Part 2

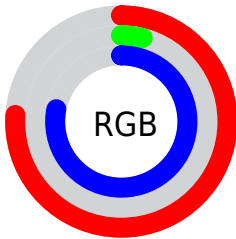
Format	Color
R_{YB}	195, 10, 198
Decimal	12782278
CIE _{Lab}	46.84, 79.88, -50.71
CIE _{LCh}	47, 94.619, 327.591
Yxy	15.8964, 0.3171, 0.1536
Android (android.graphics.Color)	4290972358 (0xFFC30AC6)
YUV	86.7470, 54.8477, 94.9379
Hunter-Lab	39.8703, 77.1057, -53.5307

Details

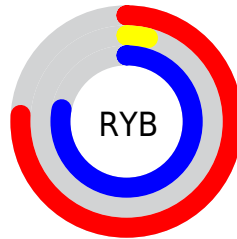
The YUV color **86.7470, 54.8477, 94.9379** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **121.2530, -54.8477, -94.9379**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9060, 46.8813, 83.3974**, and **56.9660, 42.4148, 69.3128** is the 20% darker color. If you saturate the color by 10%, you get **80.8770, 57.7416, 100.0859**, and if you desaturate by 10%, it is **98.4870, 49.0599, 84.6419**.

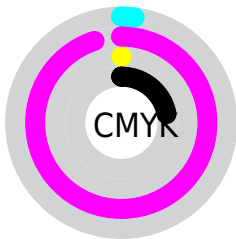
Distribution



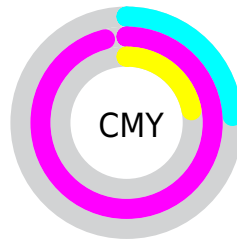
- Red (76%)
- Green (4%)
- Blue (78%)



- Red (76%)
- Yellow (4%)
- Blue (78%)



- Cyan (2%)
- Magenta (95%)
- Yellow (0%)
- Black (22%)




- Cyan (24%)
- Magenta (96%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.7470, 54.8477, 94.9379 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 86.7470, 54.8477, 94.9379 by changing the saturation by 10% instead.


 86.7470, 54.8477,
94.9379


 86.7470, 54.8477,
94.9379

255.0000, 0.0000,
0.0000


 68.7150, 49.9335,
84.4419


 159.9060, 46.8813,
83.3974


 56.9660, 42.4148,
69.3128


 177.5160, 38.1996,
67.9535

 45.6300, 35.1854,
54.6985


 195.1260, 29.5179,
52.5095

 34.1090, 28.5403,
39.3694

 212.7360, 20.8362,
37.0655

 23.1860, 21.6003,
25.2699

 230.3460, 12.1544,
21.6216

 10.6970, 16.4184,
7.2817

 247.9560, 3.4727,

 3.0950, 9.3202,

6.1776

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 86.7470, 54.8477,
94.9379

■ 86.7470, 54.8477,
94.9379

■ 80.8770, 57.7416,
100.0859

■ 98.4870, 49.0599,
84.6419

■ 110.5260, 43.1247,
74.9607

■ 121.6790, 37.6263,
65.1795

■ 133.4190, 31.8384,
54.8835

■ 145.4580, 25.9032,
45.2023

■ 157.1980, 20.1154,
34.9064

■ 168.9380, 14.3276,
24.6104

■ 180.3900, 8.6817,
15.4440

■ 192.1300, 2.8939,
5.1480

Harmonies

Analogous

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



101.0030, 75.9205, -37.7136



86.7470, 54.8477, 94.9379



85.2550, 17.6223, 134.8344

Triad

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



86.7470, 54.8477, 94.9379



104.3810, -51.4598, 32.1149



104.3300, 39.2773, -91.4974

Complementary

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



86.7470, 54.8477, 94.9379



121.2530, -54.8477, -94.9379

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.



93.8080, 4.0387, -82.2696



86.7470, 54.8477, 94.9379



92.1900, -45.4497, -29.1076

Square

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



86.7470, 54.8477, 94.9379



97.9550, -48.2918, 89.4935



79.8320, -39.3572, -70.0127



109.7510, 67.6638, -96.2516

Rectangle

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



86.7470, 54.8477, 94.9379



80.0390, -4.9492, 141.1628



79.8320, -39.3572, -70.0127



101.2520, 27.4838, -88.7980

Sweetspot

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



86.7470, 54.8477, 94.9379



213.0240, 20.6942, 35.9360



33.1930, 81.2499, -20.3403



101.8730, 12.8806, 22.0364



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



86.7470, 54.8477, 94.9379



104.1190, 74.3843, 128.8146



77.2700, 14.6569, 105.8802



93.7170, 2.6045, 4.6332



66.7210, 47.4655, 82.6827



14.5690, 10.5655, 17.9180

Inverse Universe

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



66.5540, -26.4021, 115.2781



76.7010, -35.8416, 156.3682



130.7300, -14.6569, -105.8802



92.6910, -1.3267, 5.5330



49.0790, -22.7169, 99.9087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 86.7470, 54.8477, 94.9379 looks on a white background.

Color Contrast Check

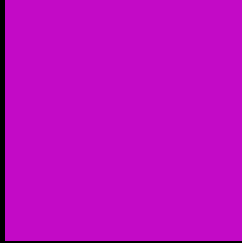
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 86.7470, 54.8477, 94.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

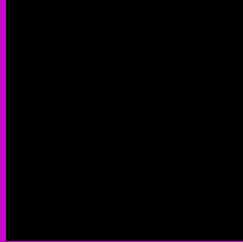
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7470, 54.8477, 94.9379

Background



This preview shows how black text looks on a background with the YUV color 86.7470, 54.8477, 94.9379.



This preview shows how white text looks on a background with the YUV color 86.7470, 54.8477, 94.9379.

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

86.7470, 54.8477, 94.9379

Protanopia

90.2030, 68.9199, -79.1080

Deuteranopia

106.6710, 39.1092, -37.4225



Tritanopia

109.6660, -13.1463, 63.4369

Trichromacy



Original Color

86.7470, 54.8477, 94.9379



Protanomaly

88.9320, 63.6305, -15.7264



Deuteranomaly

99.7600, 44.4883, 10.7345



Tritanomaly

101.2740, 11.6969, 75.1817

Monochromacy



Original Color

86.7470, 54.8477, 94.9379



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.7850, 19.8260, 34.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7470, 54.8477, 94.9379 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(195, 10, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 10, 198)  
}
```

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(195, 10, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 10, 198) }
```

Border

The CSS property to change the border of an element to YUV 86.7470, 54.8477, 94.9379 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(195, 10, 198) }
```


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

```
.border{ border-color:rgb(195, 10, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 10, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 10, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 10, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 10,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 86.7470, 54.8477, 94.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 10, 198) }
```

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

```
.background{ background-color: rgb(195, 10,  
198) }
```

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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