

Converting Colors

YUV(82.2860, 54.0890,
104.9892)

Have a look what the booklet for
YUV(82.2860, 54.0890, 104.9892)
contains.

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Color

**YUV(82.2860, 54.0890,
104.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	CA00C0
RGB	202, 0, 192
RGB Percent	79%, 0%, 75%
CMY	0.2078, 1.0000, 0.2471
CMYK	0.00, 1.00, 0.05, 0.21
HSL	303°, 100%, 40%
HSV	303°, 100%, 79%
XYZ	33.8715, 16.3623, 51.2422
YIQ	82.2860, 58.7600, 102.5360

Conversions

Conversions Part 2

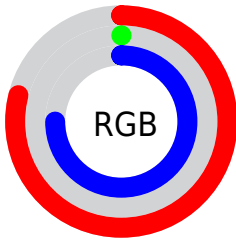
Format	Color
R_{YB}	202, 0, 192
Decimal	13238464
CIE _{Lab}	47.45, 81.01, -46.18
CIE _{LCh}	47, 93.250, 330.317
Yxy	16.3623, 0.3338, 0.1612
Android (android.graphics.Color)	4291428544 (0xFFCA00C0)
YUV	82.2860, 54.0890, 104.9892
Hunter-Lab	40.4504, 78.6807, -46.7928

Details

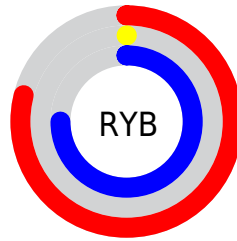
The YUV color **82.2860, 54.0890, 104.9892** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **119.7140, -54.0890, -104.9892**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6350, 44.5499, 84.5121**, and **58.4890, 39.1989, 74.1161** is the 20% darker color. If you saturate the color by 10%, you get **82.2860, 54.0890, 104.9892**, and if you desaturate by 10%, it is **94.1400, 48.7380, 94.5932**.

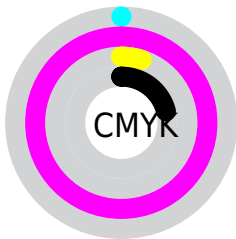
Distribution



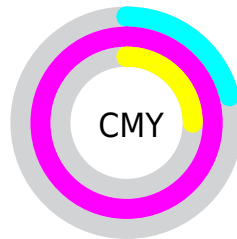
- Red (79%)
- Green (0%)
- Blue (75%)



- Red (79%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.2860, 54.0890, 104.9892 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 82.2860, 54.0890, 104.9892 by changing the saturation by 10% instead.


 82.2860, 54.0890,
104.9892


 82.2860, 54.0890,
104.9892


255.0000, 0.0000,
0.0000


 70.1240, 46.2809,
89.3453


 158.6350, 44.5499,
84.5121


 58.4890, 39.1989,
74.1161


 177.5160, 38.1996,
67.9535


 46.8540, 32.1170,
58.8870


 195.1260, 29.5179,
52.5095

 35.6320, 25.3244,
44.1727

 212.1490, 21.1255,
37.5803

 24.8230, 18.8213,
29.9732

 229.7590, 12.4438,
22.1364

 12.8180, 12.9077,
13.3146

 247.9560, 3.4727,

 2.4110, 6.6994,

6.1776

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 82.2860, 54.0890,
104.9892

■ 94.1400, 48.7380,
94.5932

■ 105.9940, 43.3870,
84.1973

■ 118.4350, 37.7465,
73.2865

■ 130.2890, 32.3955,
62.8905

■ 142.1430, 27.0445,
52.4946

■ 153.9970, 21.6935,
42.0986

■ 165.8510, 16.3425,
31.7027

■ 178.2920, 10.7020,
20.7919

■ 190.1460, 5.3510,
10.3960

Harmonies

Analogous

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



107.4570, 70.7667, -17.9408



82.2860, 54.0890, 104.9892



85.2830, 15.1435, 136.5638

Triad

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



82.2860, 54.0890, 104.9892



105.5330, -52.0278, 27.5966



105.7150, 42.0455, -92.7121

Complementary

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



82.2860, 54.0890, 104.9892



119.7140, -54.0890, -104.9892

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.



96.0080, 7.3911, -84.1990



82.2860, 54.0890, 104.9892



91.8580, -45.2860, -34.9555

Square

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



82.2860, 54.0890, 104.9892



101.4550, -50.0173, 82.9160



83.0580, -32.0736, -72.8419



110.2070, 69.4109, -96.6515

Rectangle

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



82.2860, 54.0890, 104.9892



79.4690, -7.1332, 141.6627



83.0580, -32.0736, -72.8419



102.8650, 31.1256, -90.2126

Sweetspot

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



82.2860, 54.0890, 104.9892



209.9320, 20.2465, 39.5246



25.1210, 87.2013, -15.8921



100.6560, 12.0016, 23.9807



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.



82.2860, 54.0890, 104.9892



103.8330, 68.1163, 132.5735



71.1140, 11.2828, 114.7870



96.0160, 2.4571, 5.2480



67.6460, 44.5445, 86.2565



15.4660, 10.1233, 19.7623

Inverse Universe

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



82.2860, 54.0890, 104.9892



103.8330, 68.1163, 132.5735



130.8860, -11.2828, -114.7870



96.0160, 2.4571, 5.2480



67.6460, 44.5445, 86.2565



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 82.2860, 54.0890, 104.9892 looks on a white background.

Color Contrast Check

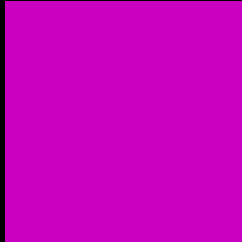
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.2860, 54.0890, 104.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

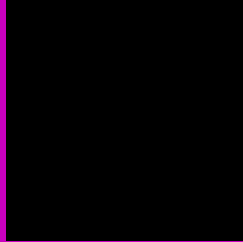
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2860, 54.0890, 104.9892

Background



This preview shows how black text looks on a background with the YUV color 82.2860, 54.0890, 104.9892.



This preview shows how white text looks on a background with the YUV color 82.2860, 54.0890,

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



Protanopia

91.2460, 70.3777, -80.0227

Deuteranopia

110.7600, 34.1353, -28.7305

Tritanopia

110.2540, -14.9152, 70.8142

Trichromacy



Protanomaly

87.8830, 64.6407, -13.0524

Deuteranomaly

100.6040, 41.1142, 19.6413

Tritanomaly

100.2750, 10.2174, 83.0738

Monochromacy



Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1060, 19.6677, 38.4950

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2860, 54.0890, 104.9892 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(202, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 192)  
}
```

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(202, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 192) }
```

Border

The CSS property to change the border of an element to YUV 82.2860, 54.0890, 104.9892 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(202, 0, 192) }
```

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

```
.border{ border-color:rgb(202, 0, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 0,  
192) }
```


Background

The CSS property to change the background color of an element to YUV 82.2860, 54.0890, 104.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 192) }
```

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

```
.background{ background-color: rgb(202, 0,  
192) }
```

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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