

Converting Colors

YUV(95.9560, 54.7447,
128.0806)

Have a look what the booklet for
YUV(95.9560, 54.7447, 128.0806)
contains.

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Color

**YUV(95.9560, 54.7447,
128.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	F200CF
RGB	242, 0, 207
RGB Percent	95%, 0%, 81%
CMY	0.0510, 1.0000, 0.1882
CMYK	0.00, 1.00, 0.14, 0.05
HSL	309°, 100%, 47%
HSV	309°, 100%, 95%
XYZ	47.8804, 23.3822, 61.0211
YIQ	95.9560, 77.7850, 115.6810

Conversions

Conversions Part 2

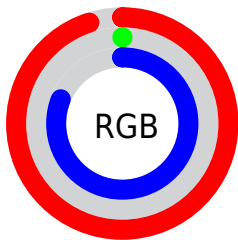
Format	Color
R_YB	242, 0, 207
Decimal	15859919
CIE _{Lab}	55.46, 89.81, -41.68
CIE _{LCh}	55, 99.008, 335.104
Yxy	23.3822, 0.3620, 0.1768
Android (android.graphics.Color)	4294049999 (0xFFFF200CF)
YUV	95.9560, 54.7447, 128.0806
Hunter-Lab	48.3552, 92.1259, -40.9715

Details

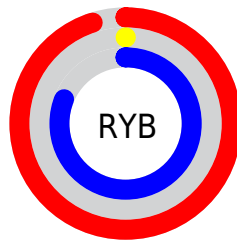
The YUV color **95.9560, 54.7447, 128.0806** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **146.0440, -54.7447, -128.0806**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 44.8556, 79.7938**, and **71.4470, 39.7126, 96.0780** is the 20% darker color. If you saturate the color by 10%, you get **95.9560, 54.7447, 128.0806**, and if you desaturate by 10%, it is **110.3860, 49.1097, 115.4255**.

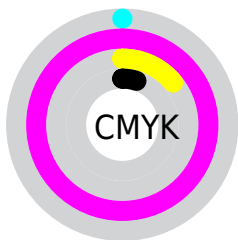
Distribution



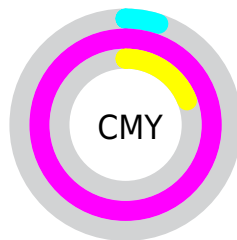
- Red (95%)
- Green (0%)
- Blue (81%)



- Red (95%)
- Yellow (0%)
- Blue (81%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9560, 54.7447, 128.0806 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 95.9560, 54.7447, 128.0806 by changing the saturation by 10% instead.


 95.9560, 54.7447,
128.0806


 95.9560, 54.7447,
128.0806


255.0000, 0.0000,
0.0000


 83.4950, 47.0840,
111.8219


 164.0150, 44.8556,
79.7938


 71.4470, 39.7126,
96.0780


 183.3860, 35.3057,
62.8055

 59.5130, 32.7781,
80.2341


 201.5830, 26.3346,
46.8467

 47.5790, 25.8436,
64.3902

 219.7800, 17.3635,
30.8879

 36.1720, 19.6352,
48.9612

 237.3900, 8.6817,
15.4440

 25.0640, 13.2794,
34.1469

 13.5860, 8.0921,

17.9031

■ 0.0000, 0.0000,
0.0000

■ 95.9560, 54.7447,
128.0806

■ 110.3860, 49.1097,
115.4255

■ 124.9300, 43.9115,
102.6704

■ 139.9470, 37.9871,
89.5005

■ 154.4910, 32.7889,
76.7454

■ 168.9210, 27.1539,
64.0903

■ 183.4650, 21.9558,
51.3352

■ 197.8950, 16.3208,
38.6801

■ 213.0260, 10.8332,
25.4102

■ 227.4560, 5.1982,
12.7551

Harmonies

Analogous

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



129.6300, 61.8074, 9.0945



95.9560, 54.7447, 128.0806



90.1530, 15.7006, 144.5708

Triad

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



95.9560, 54.7447, 128.0806



123.7960, -61.0314, 22.1039



124.3630, 52.5720, -109.0664

Complementary

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



95.9560, 54.7447, 128.0806



146.0440, -54.7447, -128.0806

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.



114.6730, 15.4442, -100.5682



95.9560, 54.7447, 128.0806



103.5540, -51.0521, -52.2289

Square

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



95.9560, 54.7447, 128.0806



122.9960, -60.6370, 82.4415



101.6090, -24.4572, -89.1111



123.5770, 64.7915, -108.3770

Rectangle

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



95.9560, 54.7447, 128.0806



83.8830, -8.3233, 150.0696



101.6090, -24.4572, -89.1111



121.2850, 40.7785, -106.3669

Sweetspot

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



95.9560, 54.7447, 128.0806



209.1340, 17.1889, 40.2245



37.1560, 100.9881, -4.5218



100.2000, 10.2544, 24.3806



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.



95.9560, 54.7447, 128.0806



101.0970, 57.6332, 134.9729



82.5040, 3.2025, 139.8780



112.7280, 2.5991, 6.3775



72.9140, 41.4544, 97.4224



22.2160, 12.7115, 29.6286

Inverse Universe

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



95.9560, 54.7447, 128.0806



101.0970, 57.6332, 134.9729



159.4960, -3.2025, -139.8780



112.7280, 2.5991, 6.3775



72.9140, 41.4544, 97.4224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 95.9560, 54.7447, 128.0806 looks on a white background.

Color Contrast Check

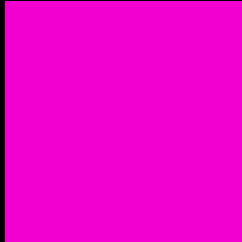
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.9560, 54.7447, 128.0806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

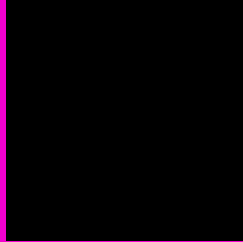
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 95.9560, 54.7447, 128.0806

Background



This preview shows how black text looks on a background with the YUV color 95.9560, 54.7447, 128.0806.

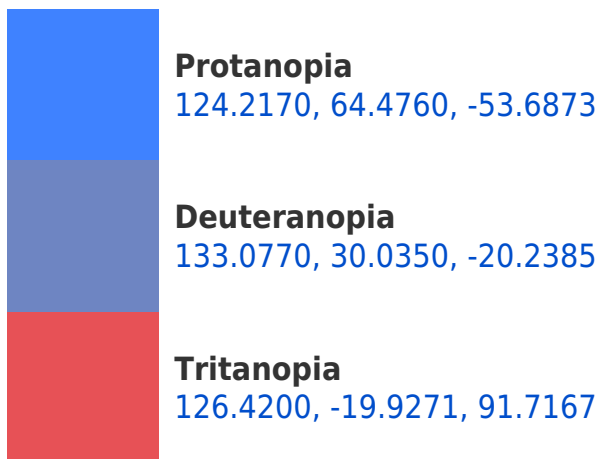


This preview shows how white text looks on a background with the YUV color 95.9560, 54.7447,

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



Trichromacy



Protanomaly

114.1250, 61.0704, 12.1684

Deuteranomaly

119.8230, 39.0343, 33.4812

Tritanomaly

115.6090, 7.0948, 104.7059

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8620, 19.7880, 46.6020

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9560, 54.7447, 128.0806 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(242, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 207)  
}
```

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(242, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 207) }
```

Border

The CSS property to change the border of an element to YUV 95.9560, 54.7447, 128.0806 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(242, 0, 207) }
```

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

```
.border{ border-color:rgb(242, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
207) }
```


Background

The CSS property to change the background color of an element to YUV 95.9560, 54.7447, 128.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 207) }
```

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

```
.background{ background-color: rgb(242, 0,  
207) }
```

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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