

Converting Colors

YUV(176.3920, 12.6247,
57.5382)

Have a look what the booklet for
YUV(176.3920, 12.6247, 57.5382)
contains.

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Color

**YUV(176.3920, 12.6247,
57.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	F28ACA
RGB	242, 138, 202
RGB Percent	95%, 54%, 79%
CMY	0.0510, 0.4588, 0.2078
CMYK	0.00, 0.43, 0.17, 0.05
HSL	323°, 80%, 75%
HSV	323°, 43%, 95%
XYZ	56.3671, 41.3185, 60.8815
YIQ	176.3920, 41.4400, 41.9520

Conversions

Conversions Part 2

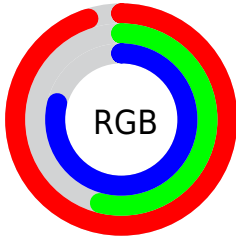
Format	Color
R _Y B	242, 138, 202
Decimal	15895242
CIE Lab	70.40, 47.67, -15.80
CIE LCh	70, 50.225, 341.659
Yxy	41.3185, 0.3555, 0.2606
Android (android.graphics.Color)	4294085322 (0xFFFF28ACA)
YUV	176.3920, 12.6247, 57.5382
Hunter-Lab	64.2794, 44.0389, -11.1602

Details

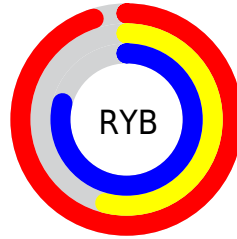
The YUV color **176.3920, 12.6247, 57.5382** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **203.6080, -12.6247, -57.5382**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **121.7830, 12.9250, 54.5643** is the 20% darker color. If you saturate the color by 10%, you get **161.2780, 15.6389, 70.7932**, and if you desaturate by 10%, it is **191.5060, 9.6105, 44.2832**.

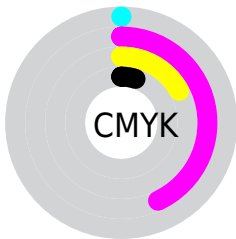
Distribution



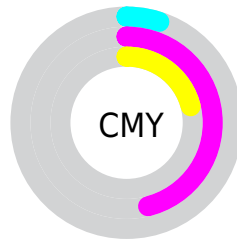
- Red (95%)
- Green (54%)
- Blue (79%)



- Red (95%)
- Yellow (54%)
- Blue (79%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.3920, 12.6247, 57.5382 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 176.3920, 12.6247, 57.5382 by changing the saturation by 10% instead.


 176.3920, 12.6247,
57.5382

 176.3920, 12.6247,
57.5382

255.0000, 0.0000,
0.0000

 148.7940, 12.9196,
56.3087

 218.6060, 17.9422,
31.9175


 121.7830, 12.9250,
54.5643


 235.6290, 9.5499,
16.9884

 94.5980, 13.5092,
53.8496

 252.6520, 1.1576,
2.0592

 66.9400, 14.8196,
53.5496

 38.5210, 16.9981,
54.7941

 28.2390, 11.2212,
41.0094

 18.9680, 5.4388,

28.9691

■ 4.4850, -2.2111,
9.2217

■ 0.0000, 0.0000,
0.0000

■ 176.3920, 12.6247,
57.5382

■ 176.3920, 12.6247,
57.5382

■ 161.2780, 15.6389,
70.7932

■ 191.5060, 9.6105,
44.2832

■ 146.0500, 18.2163,
84.1481

■ 206.7340, 7.0331,
30.9283

■ 130.3490, 21.5199,
97.9179

■ 222.4350, 3.7295,
17.1585

■ 115.2350, 24.5341,
111.1729

■ 237.5490, 0.7153,
3.9035

■ 100.0070, 27.1115,
124.5279

■ 250.4290, -0.7045,
-7.3922

■ 89.3440, 29.4104,
133.8793

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



176.7860, 31.6575, 19.4817



176.3920, 12.6247, 57.5382



172.6870, -8.2267, 72.1885

Triad

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



176.3920, 12.6247, 57.5382



166.1490, -42.9645, 13.9013



139.7390, 45.4847, -122.5511

Complementary

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



176.3920, 12.6247, 57.5382



203.6080, -12.6247, -57.5382

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.



136.5980, 25.8342, -119.7964



176.3920, 12.6247, 57.5382



160.7510, -29.4572, -25.2146

Square

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



176.3920, 12.6247, 57.5382



170.2870, -42.0465, 46.2293



148.0170, -2.9664, -75.4369



137.6650, 57.8462, -120.7322

Rectangle

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



176.3920, 12.6247, 57.5382



172.3160, -22.3408, 72.5139



148.0170, -2.9664, -75.4369



138.8440, 39.5169, -121.7662

Sweetspot

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



176.3920, 12.6247, 57.5382



234.1470, 3.8715, 18.2881



161.8160, 39.5307, 14.1934



114.7610, 2.5828, 11.6106



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.



176.3920, 12.6247, 57.5382



171.1150, 16.2123, 73.5671



170.4640, -10.0888, 62.7371



112.3860, 1.2887, 6.6775



67.8980, 22.2353, 101.8215



20.7340, 7.0331, 30.9283

Inverse Universe

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



176.3920, 12.6247, 57.5382



171.1150, 16.2123, 73.5671



209.5360, 10.0888, -62.7371



112.3860, 1.2887, 6.6775



67.8980, 22.2353, 101.8215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 176.3920, 12.6247, 57.5382 looks on a white 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

Black Background



This preview shows how the YUV color 176.3920, 12.6247, 57.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

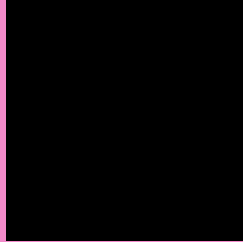
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.3920, 12.6247, 57.5382

Background



This preview shows how black text looks on a background with the YUV color 176.3920, 12.6247, 57.5382.



This preview shows how white text looks on a background with the YUV color 176.3920, 12.6247,

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

176.3920, 12.6247, 57.5382

Protanopia

173.2690, 25.5034, -13.3909

Deuteranopia

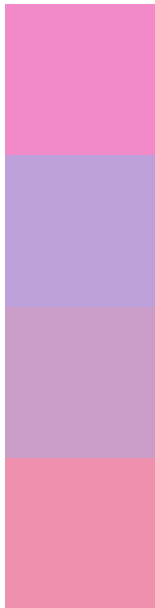
174.2960, 11.1931, 3.2484



Tritanopia

175.1640, -8.4619, 54.2302

Trichromacy



Original Color

176.3920, 12.6247, 57.5382

Protanomaly

174.5820, 20.9121, 12.6446

Deuteranomaly

174.9440, 11.8596, 22.8511

Tritanomaly

175.8250, -0.8997, 55.4045

Monochromacy



Original Color

176.3920, 12.6247, 57.5382

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9840, 4.4449, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3920, 12.6247, 57.5382 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, 138, 202)` looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 202)  
}
```

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, 138, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 202) }
```

Border

The CSS property to change the border of an element to YUV 176.3920, 12.6247, 57.5382 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, 138, 202) }
```


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

```
.border{ border-color:rgb(242, 138, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 138, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 176.3920, 12.6247, 57.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 202) }
```

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

```
.background{ background-color: rgb(242,  
138, 202) }
```

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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