

Converting Colors

YUV(104.7210, 57.8185,
122.1477)

Have a look what the booklet for
YUV(104.7210, 57.8185, 122.1477)
contains.

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Color

**YUV(104.7210, 57.8185,
122.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	F40BDE
RGB	244, 11, 222
RGB Percent	96%, 4%, 87%
CMY	0.0431, 0.9569, 0.1294
CMYK	0.00, 0.95, 0.09, 0.04
HSL	306°, 91%, 50%
HSV	306°, 95%, 96%
XYZ	50.6127, 24.7464, 71.2162
YIQ	104.7210, 71.1370, 115.0170

Conversions

Conversions Part 2

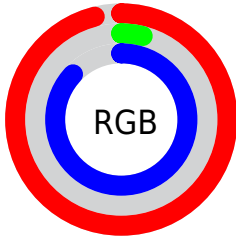
Format	Color
R _Y B	244, 11, 222
Decimal	15993822
CIE Lab	56.83, 91.36, -48.04
CIE LCh	57, 103.220, 332.261
Yxy	24.7464, 0.3453, 0.1688
Android (android.graphics.Color)	4294183902 (0xFFFF40BDE)
YUV	104.7210, 57.8185, 122.1477
Hunter-Lab	49.7457, 94.5560, -50.0578

Details

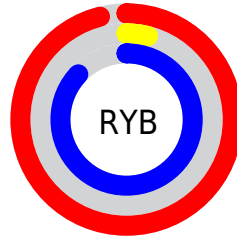
The YUV color **104.7210, 57.8185, 122.1477** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **150.2790, -57.8185, -122.1477**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **73.6410, 45.5330, 95.9078** is the 20% darker color. If you saturate the color by 10%, you get **98.1500, 60.5650, 127.9104**, and if you desaturate by 10%, it is **119.0370, 51.7468, 109.5926**.

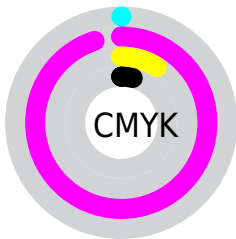
Distribution



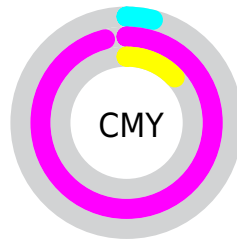
- Red (96%)
- Green (4%)
- Blue (87%)



- Red (96%)
- Yellow (4%)
- Blue (87%)



- Cyan (0%)
- Magenta (95%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (96%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.7210, 57.8185, 122.1477 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 104.7210, 57.8185, 122.1477 by changing the saturation by 10% instead.


 104.7210, 57.8185,
122.1477


 104.7210, 57.8185,
122.1477


255.0000, 0.0000,
0.0000

 85.8030, 53.3411,
111.5518


 166.3630, 43.6980,
77.7346


 73.6410, 45.5330,
95.9078


 185.1470, 34.4375,
61.2611

 61.5930, 38.1617,
80.1639


 203.3440, 25.4664,
45.3023

 49.6590, 31.2271,
64.3201

 221.5410, 16.4953,
29.3435

 38.1380, 24.5820,
48.9910

 239.7380, 7.5242,
13.3848

 27.0300, 18.2262,
34.1767

 15.4380, 12.6021,

18.0329

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 104.7210, 57.8185,
122.1477

■ 104.7210, 57.8185,
122.1477

■ 98.1500, 60.5650,
127.9104

■ 119.0370, 51.7468,
109.5926

■ 134.0540, 45.8224,
96.4226

■ 148.3700, 39.7506,
83.8675

■ 163.2730, 33.3894,
70.7976

■ 177.7030, 27.7544,
58.1425

■ 192.0190, 21.6826,
45.5873

■ 206.9220, 15.3215,
32.5174

■ 221.2380, 9.2497,
19.9623

■ 236.2550, 3.3253,
6.7924

Harmonies

Analogous

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



128.9550, 62.1402, -4.3455



104.7210, 57.8185, 122.1477



91.5210, 20.9421, 143.3711

Triad

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



104.7210, 57.8185, 122.1477



127.6720, -62.9423, 28.3517



127.2980, 51.1251, -111.6403

Complementary

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



104.7210, 57.8185, 122.1477



150.2790, -57.8185, -122.1477

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.



116.4510, 12.1027, -102.1275



104.7210, 57.8185, 122.1477



109.8000, -54.1314, -44.5516

Square

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



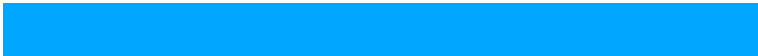
104.7210, 57.8185, 122.1477



124.2360, -61.2483, 91.8780



102.5890, -30.8564, -89.9706



126.5120, 63.3446, -110.9510

Rectangle

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



104.7210, 57.8185, 122.1477



84.9090, -4.3921, 149.1698



102.5890, -30.8564, -89.9706



124.1060, 38.8947, -108.8410

Sweetspot

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



104.7210, 57.8185, 122.1477



210.7640, 18.3573, 38.7950



43.2430, 98.9732, -11.6141



101.0150, 10.8386, 23.6658



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.



104.7210, 57.8185, 122.1477



102.5790, 63.3116, 133.6732



91.7250, 8.0236, 133.5452



114.8420, 3.0359, 6.2776



74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Inverse Universe

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



104.7210, 57.8185, 122.1477



102.5790, 63.3116, 133.6732



163.2750, -8.0236, -133.5452



114.8420, 3.0359, 6.2776



74.8800, 46.4012, 97.4522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 104.7210, 57.8185, 122.1477 looks on a white background.

Color Contrast Check

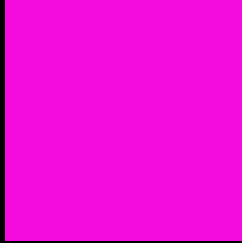
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7210, 57.8185, 122.1477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

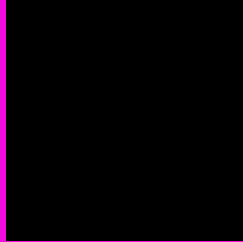
Any Text WCAG AA ✓ Pass

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 104.7210, 57.8185, 122.1477 Background



This preview shows how black text looks on a background with the YUV color 104.7210, 57.8185, 122.1477.



This preview shows how white text looks on a background with the YUV color 104.7210, 57.8185, 122.1477.

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

104.7210, 57.8185, 122.1477

Protanopia

128.3700, 62.4286, -50.3135

Deuteranopia

135.0420, 36.4613, -28.1008



Tritanopia

131.6260, -19.0426, 88.0280

Trichromacy



Original Color

104.7210, 57.8185, 122.1477



Protanomaly

120.0110, 60.6336, 12.2684



Deuteranomaly

123.8590, 44.4395, 26.4337



Tritanomaly

121.7440, 9.0002, 100.2025

Monochromacy



Original Color

104.7210, 57.8185, 122.1477



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.1930, 21.1039, 44.5577

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7210, 57.8185, 122.1477 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(244, 11, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 11, 222)  
}
```

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(244, 11, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 11, 222) }
```

Border

The CSS property to change the border of an element to YUV 104.7210, 57.8185, 122.1477 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(244, 11, 222) }
```


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

```
.border{ border-color:rgb(244, 11, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 11, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 11, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 11, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 11,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 104.7210, 57.8185, 122.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 11, 222) }
```

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

```
.background{ background-color: rgb(244, 11,  
222) }
```

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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