

Converting Colors

YUV(106.4310, 64.3705,
120.6480)

Have a look what the booklet for
YUV(106.4310, 64.3705, 120.6480)
contains.

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Color

**YUV(106.4310, 64.3705,
120.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	F40BED
RGB	244, 11, 237
RGB Percent	96%, 4%, 93%
CMY	0.0431, 0.9569, 0.0706
CMYK	0.00, 0.95, 0.03, 0.04
HSL	302°, 91%, 50%
HSV	302°, 95%, 96%
XYZ	52.7140, 25.5869, 82.2812
YIQ	106.4310, 66.3220, 119.6820

Conversions

Conversions Part 2

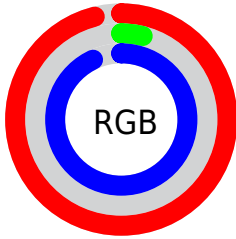
Format	Color
RYB	244, 11, 237
Decimal	15993837
CIELab	57.64, 93.38, -55.20
CIELCh	58, 108.472, 329.410
Yxy	25.5869, 0.3283, 0.1593
Android (android.graphics.Color)	4294183917 (0xFFFF40BED)
YUV	106.4310, 64.3705, 120.6480
Hunter-Lab	50.5835, 97.4971, -61.0352

Details

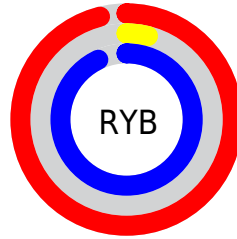
The YUV color **106.4310, 64.3705, 120.6480** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **148.5690, -64.3705, -120.6480**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **75.2370, 51.6482, 94.5082** is the 20% darker color. If you saturate the color by 10%, you get **99.9740, 67.5538, 126.3108**, and if you desaturate by 10%, it is **120.6330, 57.8619, 108.1929**.

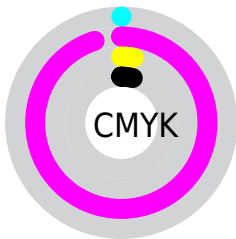
Distribution



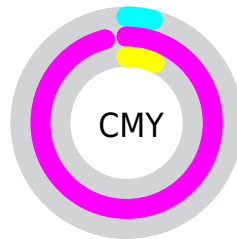
- Red (96%)
- Green (4%)
- Blue (93%)



- Red (96%)
- Yellow (4%)
- Blue (93%)



- Cyan (0%)
- Magenta (95%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (96%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4310, 64.3705, 120.6480 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 106.4310, 64.3705, 120.6480 by changing the saturation by 10% instead.


 106.4310, 64.3705,
120.6480


 106.4310, 64.3705,
120.6480


255.0000, 0.0000,
0.0000


 87.3990, 59.4563,
110.1521


 166.3630, 43.6980,
77.7346


 75.2370, 51.6482,
94.5082

 185.7340, 34.1481,
60.7463

 63.1890, 44.2768,
78.7642


 203.9310, 25.1770,
44.7875

 51.1410, 36.9055,
63.0203

 222.1280, 16.2059,
28.8287

 39.2070, 29.9709,
47.1765

 240.3250, 7.2348,
12.8700

 28.3980, 23.4678,
32.9770

 16.0940, 17.7017,

15.7036

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 106.4310, 64.3705,
120.6480

■ 106.4310, 64.3705,
120.6480

■ 99.9740, 67.5538,
126.3108

■ 120.6330, 57.8619,
108.1929

■ 135.3080, 50.6272,
95.3229

■ 149.5100, 44.1186,
82.8677

■ 164.2990, 37.3206,
69.8978

■ 178.5010, 30.8120,
57.4426

■ 192.5890, 23.8666,
45.0874

■ 207.3780, 17.0686,
32.1175

■ 221.5800, 10.5601,
19.6623

■ 236.3690, 3.7621,
6.6924

Harmonies

Analogous

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



125.0020, 64.0890, -22.8038



106.4310, 64.3705, 120.6480



92.7750, 25.7469, 142.2713

Triad

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



106.4310, 64.3705, 120.6480



130.0750, -64.1270, 35.0142



128.9450, 49.8201, -113.0848

Complementary

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



106.4310, 64.3705, 120.6480



148.5690, -64.3705, -120.6480

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.



117.4140, 8.1769, -102.9721



106.4310, 64.3705, 120.6480



113.3770, -55.8949, -38.9186

Square

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



106.4310, 64.3705, 120.6480



124.3020, -61.2809, 102.3441



101.1410, -41.4815, -88.7007



129.4470, 61.8976, -113.5250

Rectangle

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



106.4310, 64.3705, 120.6480



85.7070, -1.3346, 148.4700



101.1410, -41.4815, -88.7007



125.5250, 36.7162, -110.0854

Sweetspot

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



106.4310, 64.3705, 120.6480



211.3340, 20.5413, 38.2951



38.7580, 101.1843, -20.8358



101.3570, 12.1490, 23.3659



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.



106.4310, 64.3705, 120.6480



104.4030, 70.3003, 132.0736



93.5490, 15.0123, 131.9455



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731

Inverse Universe

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



106.4310, 64.3705, 120.6480



104.4030, 70.3003, 132.0736



161.4510, -15.0123, -131.9455



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 106.4310, 64.3705, 120.6480 looks on a white background.

Color Contrast Check

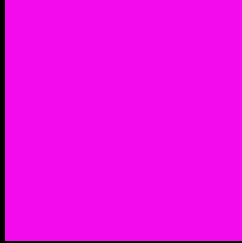
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.4310, 64.3705, 120.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

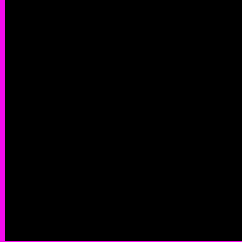
Any Text WCAG AA ✓ Pass

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 106.4310, 64.3705, 120.6480 Background



This preview shows how black text looks on a background with the YUV color 106.4310, 64.3705, 120.6480.



This preview shows how white text looks on a background with the YUV color 106.4310, 64.3705, 120.6480.

120.6480.

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

106.4310, 64.3705, 120.6480

Protanopia

131.6260, 60.8234, -48.7840

Deuteranopia

134.2240, 43.7666, -37.9074



Tritanopia

134.6470, -17.5740, 83.6246

Trichromacy



Original Color

106.4310, 64.3705, 120.6480



Protanomaly

122.6520, 61.7966, 12.5832



Deuteranomaly

123.9490, 51.2971, 20.2157



Tritanomaly

124.2320, 12.2106, 97.1435

Monochromacy



Original Color

106.4310, 64.3705, 120.6480



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

105.8770, 23.7246, 43.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4310, 64.3705, 120.6480 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(244, 11, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 11, 237) }
```

Border

The CSS property to change the border of an element to YUV 106.4310, 64.3705, 120.6480 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, 237) }
```


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

```
.border{ border-color:rgb(244, 11, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 11, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 11, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 11,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 106.4310, 64.3705, 120.6480 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, 237) }
```

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

```
.background{ background-color: rgb(244, 11,  
237) }
```

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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