

Converting Colors

YUV(106.0290, 64.0757,
121.8776)

Have a look what the booklet for
YUV(106.0290, 64.0757, 121.8776)
contains.

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Color

**YUV(106.0290, 64.0757,
121.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	F50AEC
RGB	245, 10, 236
RGB Percent	96%, 4%, 93%
CMY	0.0392, 0.9608, 0.0745
CMYK	0.00, 0.96, 0.04, 0.04
HSL	302°, 92%, 50%
HSV	302°, 96%, 96%
XYZ	52.9051, 25.6857, 81.5263
YIQ	106.0290, 67.5140, 120.1060

Conversions

Conversions Part 2

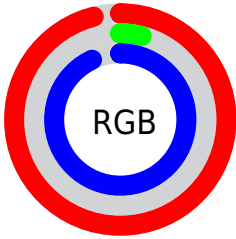
Format	Color
R _Y B	245, 10, 236
Decimal	16059116
CIE Lab	57.74, 93.46, -54.48
CIE LCh	58, 108.182, 329.763
Yxy	25.6857, 0.3304, 0.1604
Android (android.graphics.Color)	4294249196 (0xFF50AEC)
YUV	106.0290, 64.0757, 121.8776
Hunter-Lab	50.6811, 97.6412, -59.8981

Details

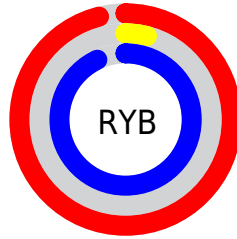
The YUV color **106.0290, 64.0757, 121.8776** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **148.9710, -64.0757, -121.8776**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **75.4220, 51.0640, 95.2229** is the 20% darker color. If you saturate the color by 10%, you get **100.1590, 66.9696, 127.0256**, and if you desaturate by 10%, it is **120.2310, 57.5671, 109.4224**.

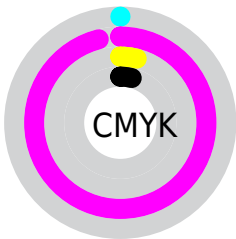
Distribution



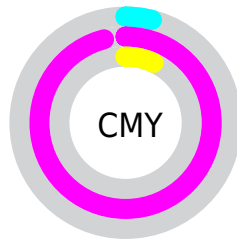
- Red (96%)
- Green (4%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (96%)
- Yellow (4%)
- Black (4%)





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

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0290, 64.0757, 121.8776 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 106.0290, 64.0757, 121.8776 by changing the saturation by 10% instead.


 106.0290, 64.0757,
121.8776


 106.0290, 64.0757,
121.8776


255.0000, 0.0000,
0.0000


 87.5840, 58.8721,
110.8668


 166.3630, 43.6980,
77.7346


 75.4220, 51.0640,
95.2229


 185.7340, 34.1481,
60.7463

 63.3740, 43.6926,
79.4790


 203.9310, 25.1770,
44.7875

 51.3260, 36.3213,
63.7351

 222.1280, 16.2059,
28.8287

 39.5060, 29.8235,
47.7912

 240.3250, 7.2348,
12.8700

 28.2840, 23.0310,
33.0769

 16.2790, 17.1175,

16.4183

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 106.0290, 64.0757,
121.8776

■ 106.0290, 64.0757,
121.8776

■ 100.1590, 66.9696,
127.0256

■ 120.2310, 57.5671,
109.4224

■ 135.0200, 50.7691,
96.4525

■ 149.8090, 43.9712,
83.4825

■ 164.0110, 37.4626,
71.0274

■ 178.2130, 30.9540,
58.5722

■ 193.0020, 24.1560,
45.6022

■ 207.7910, 17.3580,
32.6323

■ 221.9930, 10.8495,
20.1771

■ 236.6680, 3.6147,
7.3072

Harmonies

Analogous

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



126.1980, 63.4994, -20.3446



106.0290, 64.0757, 121.8776



92.6610, 25.3101, 142.3713

Triad

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



106.0290, 64.0757, 121.8776



130.6620, -64.4164, 34.4994



129.7600, 50.4043, -113.7995

Complementary

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



106.0290, 64.0757, 121.8776



148.9710, -64.0757, -121.8776

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.



117.5280, 8.6137, -103.0721



106.0290, 64.0757, 121.8776



113.6650, -56.0368, -40.0482

Square

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



106.0290, 64.0757, 121.8776



124.5900, -61.4229, 101.2146



102.1840, -40.0237, -89.6154



129.4470, 61.8976, -113.5250

Rectangle

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



106.0290, 64.0757, 121.8776



85.7070, -1.3346, 148.4700



102.1840, -40.0237, -89.6154



126.2260, 36.8636, -110.7002

Sweetspot

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



106.0290, 64.0757, 121.8776



211.2200, 20.1045, 38.3951



39.1820, 101.4683, -18.5766



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.



106.0290, 64.0757, 121.8776



104.1750, 69.4267, 132.2735



92.8050, 13.4071, 133.4750



114.9560, 3.4727, 6.1776



76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Inverse Universe

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



106.0290, 64.0757, 121.8776



104.1750, 69.4267, 132.2735



162.1950, -13.4071, -133.4750



114.9560, 3.4727, 6.1776



76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 106.0290, 64.0757, 121.8776 looks on a white background.

Color Contrast Check

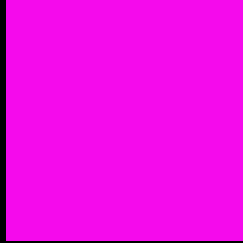
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.0290, 64.0757, 121.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

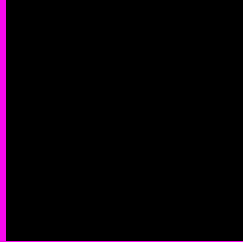
Any Text WCAG AA ✓ Pass

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 106.0290, 64.0757, 121.8776 Background



This preview shows how black text looks on a background with the YUV color 106.0290, 64.0757, 121.8776.



This preview shows how white text looks on a background with the YUV color 106.0290, 64.0757, 121.8776.

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

106.0290, 64.0757, 121.8776

Protanopia

131.9250, 60.6760, -48.1692

Deuteranopia

135.2950, 42.7456, -37.0927



Tritanopia

134.9460, -17.7214, 84.2394

Trichromacy



Original Color

106.0290, 64.0757, 121.8776



Protanomaly

122.3640, 61.9385, 13.7128



Deuteranomaly

124.7210, 50.4235, 20.4157



Tritanomaly

124.5310, 12.0632, 97.7583

Monochromacy



Original Color

106.0290, 64.0757, 121.8776



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

106.0620, 23.1404, 44.6726

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0290, 64.0757, 121.8776 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(245, 10, 236)` looks like.

```
.text, #text, p{  
    color:rgb(245, 10, 236)  
}
```

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(245, 10, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 10, 236) }
```

Border

The CSS property to change the border of an element to YUV 106.0290, 64.0757, 121.8776 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(245, 10, 236) }
```


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

```
.border{ border-color:rgb(245, 10, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 10, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 10, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 10, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 10,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 106.0290, 64.0757, 121.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 10, 236) }
```

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

```
.background{ background-color: rgb(245, 10,  
236) }
```

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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