

# Converting Colors

YUV(96.3050, 31.8946,  
130.4055)

Have a look what the booklet for  
YUV(96.3050, 31.8946, 130.4055)  
contains.

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# Color

**YUV(96.3050, 31.8946,  
130.4055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F508A1
RGB	245, 8, 161
RGB Percent	96%, 3%, 63%
CMY	0.0392, 0.9686, 0.3686
CMYK	0.00, 0.97, 0.34, 0.04
HSL	321°, 94%, 50%
HSV	321°, 97%, 96%
XYZ	44.1760, 22.1594, 35.6671
YIQ	96.3050, 92.1390, 97.8270

# Conversions

## Conversions Part 2

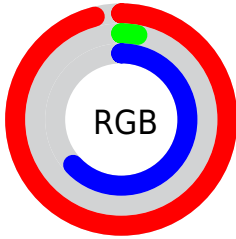
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 8, 161
Decimal	16058529
CIE <sub>Lab</sub>	54.20, 84.74, -16.84
CIE <sub>LCh</sub>	54, 86.395, 348.759
Yxy	22.1594, 0.4331, 0.2172
Android (android.graphics.Color)	4294248609 (0xFFFF508A1)
YUV	96.3050, 31.8946, 130.4055
Hunter-Lab	47.0737, 85.1332, -11.9715

# Details

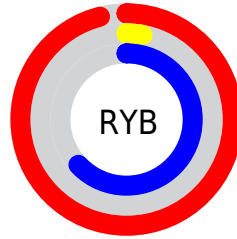
The YUV color **96.3050, 31.8946, 130.4055** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **156.6950, -31.8946, -130.4055**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5690, 27.8205, 83.6930**, and **67.1430, 20.6355, 101.6066** is the 20% darker color. If you saturate the color by 10%, you get **91.2670, 32.8994, 134.8238**, and if you desaturate by 10%, it is **111.4190, 28.8804, 117.1505**.

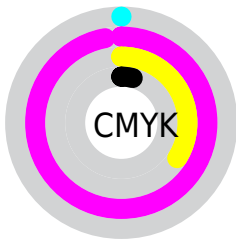
# Distribution



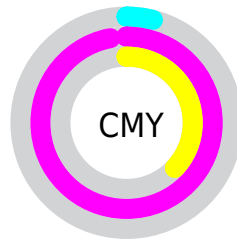
- Red (96%)
- Green (3%)
- Blue (63%)



- Red (96%)
- Yellow (3%)
- Blue (63%)



- Cyan (0%)
- Magenta (97%)
- Yellow (34%)
- Black (4%)




- Cyan (4%)
- Magenta (97%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3050, 31.8946, 130.4055 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 96.3050, 31.8946, 130.4055 by changing the saturation by 10% instead.





 96.3050, 31.8946,  
130.4055


 96.3050, 31.8946,  
130.4055


255.0000, 0.0000,  
0.0000


 79.3760, 27.4226,  
118.0652

 159.5690, 27.8205,  
83.6930


 67.1430, 20.6355,  
101.6066


 181.5450, 30.7903,  
64.4200


 55.1380, 14.7220,  
84.9480


 200.9960, 26.6240,  
47.3615

 43.5460, 9.0978,  
68.8042

 219.1930, 17.6529,  
31.4027

 32.3670, 3.7631,  
53.1751

 236.8030, 8.9711,  
15.9588

 20.8890, -1.4243,  
36.9313

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 96.3050, 31.8946,  
130.4055

■ 96.3050, 31.8946,  
130.4055

■ 91.2670, 32.8994,  
134.8238

■ 111.4190, 28.8804,  
117.1505

■ 127.0060, 25.1400,  
103.4807

■ 142.7070, 21.8364,  
89.7110

■ 157.8210, 18.8222,  
76.4560

■ 173.4080, 15.0819,  
62.7862

■ 188.5220, 12.0677,  
49.5312

■ 203.6360, 9.0535,  
36.2762

■ 219.2230, 5.3131,  
22.6064

■ 234.9240, 2.0095,  
8.8367

# Harmonies

## Analogous

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



129.8650, 48.8736, 50.9844



96.3050, 31.8946, 130.4055



89.6850, -1.3237, 144.9813

# Triad

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



96.3050, 31.8946, 130.4055



115.9670, -57.1717, -2.6021



120.3340, 59.9813, -105.5329

# Complementary

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



96.3050, 31.8946, 130.4055



156.6950, -31.8946, -130.4055

# 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.



114.5710, 30.2845, -100.4788



96.3050, 31.8946, 130.4055



89.8110, -44.2768, -78.7642

# Square

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



96.3050, 31.8946, 130.4055



122.2110, -60.2500, 51.5580



104.5050, -3.2070, -91.6509



115.3590, 68.8430, -101.1698



# Rectangle

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



96.3050, 31.8946, 130.4055



111.3230, -36.1482, 114.6037



104.5050, -3.2070, -91.6509



119.2280, 50.6666, -104.5630

# Sweetspot

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



96.3050, 31.8946, 130.4055



208.5980, 10.0582, 40.6946



59.8350, 91.2863, 27.3317



99.7610, 6.0338, 24.7656



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.



96.3050, 31.8946, 130.4055



95.0550, 34.4829, 140.2718



82.9670, -19.2107, 142.1029



114.5000, 1.7255, 6.5775



69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727



# Inverse Universe

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



96.3050, 31.8946, 130.4055



95.0550, 34.4829, 140.2718



170.0330, 19.2107, -142.1029



114.5000, 1.7255, 6.5775



69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727



# Previews

## White Background



This preview shows how the YUV color 96.3050, 31.8946, 130.4055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

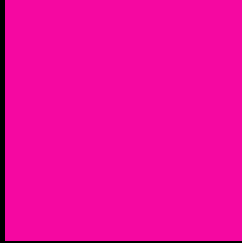
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.3050, 31.8946, 130.4055 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 96.3050, 31.8946, 130.4055

## Background



This preview shows how black text looks on a background with the YUV color 96.3050, 31.8946, 130.4055.



This preview shows how white text looks on a background with the YUV color 96.3050, 31.8946,



# 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

96.3050, 31.8946, 130.4055

### Protanopia

125.8850, 51.3287, -36.7331

### Deuteranopia

131.7150, 9.0145, 2.0039



## Tritanopia

116.5530, -24.9226, 107.3860

# Trichromacy



## Original Color

96.3050, 31.8946, 130.4055



## Protanomaly

115.4350, 44.1555, 24.1745



## Deuteranomaly

118.8900, 17.3092, 48.3315



## Tritanomaly

109.4010, -4.1417, 115.4123

# Monochromacy



## Original Color

96.3050, 31.8946, 130.4055



## Achromatopsia

96.0000, 0.0000, 0.0000



## Achromatomaly

96.0980, 11.7837, 47.2721

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3050, 31.8946, 130.4055 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, 8, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 8, 161)  
}
```

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, 8, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 8, 161) }
```

## Border

The CSS property to change the border of an element to YUV 96.3050, 31.8946, 130.4055 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, 8, 161) }
```



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

```
.border{ border-color:rgb(245, 8, 161) }
```

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

Here you see how a box with a 4 pixel rgb(245, 8, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 8, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 8, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 8,  
161) }
```

# Background

The CSS property to change the background color of an element to YUV 96.3050, 31.8946, 130.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 8, 161) }
```

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

```
.background{ background-color: rgb(245, 8,  
161) }
```

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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