

# Converting Colors

YUV(101.1850, 70.9008,  
126.1258)

Have a look what the booklet for  
YUV(101.1850, 70.9008, 126.1258)  
contains.

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# Color

**YUV(101.1850, 70.9008,  
126.1258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F500F5
RGB	245, 0, 245
RGB Percent	96%, 0%, 96%
CMY	0.0392, 1.0000, 0.0392
CMYK	0.00, 1.00, 0.00, 0.04
HSL	300°, 100%, 48%
HSV	300°, 100%, 96%
XYZ	54.1376, 26.0050, 88.5523
YIQ	101.1850, 67.3750, 128.1350

# Conversions

## Conversions Part 2

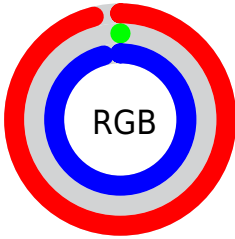
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 0, 245
Decimal	16056565
CIE <sub>Lab</sub>	58.04, 95.32, -59.03
CIE <sub>LCh</sub>	58, 112.118, 328.233
Yxy	26.0050, 0.3209, 0.1542
Android (android.graphics.Color)	4294246645 (0xFFFF500F5)
YUV	101.1850, 70.9008, 126.1258
Hunter-Lab	50.9951, 100.2582, -67.2596

# Details

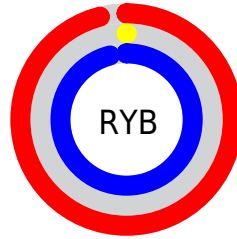
The YUV color **101.1850, 70.9008, 126.1258** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **143.8150, -70.9008, -126.1258**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **76.4480, 54.9951, 94.3231** is the 20% darker color. If you saturate the color by 10%, you get **101.1850, 70.9008, 126.1258**, and if you desaturate by 10%, it is **115.2730, 63.9554, 113.7706**.

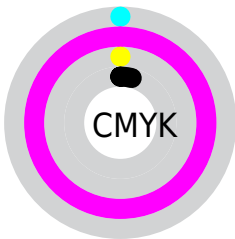
# Distribution



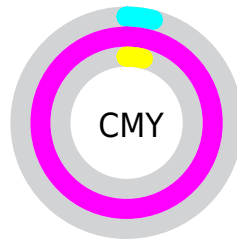
- Red (96%)
- Green (0%)
- Blue (96%)



- Red (96%)
- Yellow (0%)
- Blue (96%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.1850, 70.9008, 126.1258 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 101.1850, 70.9008, 126.1258 by changing the saturation by 10% instead.





 101.1850, 70.9008,  
126.1258


 101.1850, 70.9008,  
126.1258


255.0000, 0.0000,  
0.0000


 88.6100, 62.8033,  
109.9670


 165.7760, 43.9874,  
78.2494


 76.4480, 54.9951,  
94.3231


 185.1470, 34.4375,  
61.2611

 63.9870, 47.3344,  
78.0644


 203.3440, 25.4664,  
45.3023

 52.2380, 39.8157,  
62.9353

 221.5410, 16.4953,  
29.3435

 40.3040, 32.8811,  
47.0914

 239.7380, 7.5242,  
13.3848

 29.0820, 26.0886,  
32.3771

 16.7780, 20.3224,

15.1037

■ 5.1640, 14.7091,  
-4.5288

■ 1.1400, 4.3680,  
-0.9998

■ 101.1850, 70.9008,  
126.1258

■ 115.2730, 63.9554,  
113.7706

■ 129.9480, 56.7206,  
100.9006

■ 144.6230, 49.4859,  
88.0306

■ 158.7110, 42.5405,  
75.6755

■ 173.3860, 35.3057,  
62.8055

■ 187.4740, 28.3603,  
50.4503

■ 201.5620, 21.4149,  
38.0951

■ 216.2370, 14.1802,  
25.2252

■ 230.9120, 6.9454,  
12.3552

# Harmonies

## Analogous

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



121.3810, 65.8742, -35.4141



101.1850, 70.9008, 126.1258



93.3450, 27.9309, 141.7714

# Triad

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



101.1850, 70.9008, 126.1258



131.5700, -64.8640, 38.0881



130.2330, 49.6781, -114.2143

# Complementary

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



101.1850, 70.9008, 126.1258



143.8150, -70.9008, -126.1258

# 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.



118.2460, 6.2877, -103.7017



101.1850, 70.9008, 126.1258



114.8610, -56.6265, -37.5891

# Square

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



101.1850, 70.9008, 126.1258



123.1610, -60.7184, 108.6068



100.3770, -49.4859, -88.0306



131.2080, 61.0295, -115.0694



# Rectangle

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



101.1850, 70.9008, 126.1258



86.0490, -0.0242, 148.1700



100.3770, -49.4859, -88.0306



126.5850, 35.7006, -111.0150

# Sweetspot

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



101.1850, 70.9008, 126.1258



210.3880, 21.9937, 39.1247



27.9300, 107.0155, -24.4946



100.9980, 13.3120, 23.6808



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.



101.1850, 70.9008, 126.1258



105.3150, 73.7947, 131.2737



87.2770, 17.6114, 138.3231



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731



# Inverse Universe

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



101.1850, 70.9008, 126.1258



105.3150, 73.7947, 131.2737



157.8370, -17.1746, -138.4230



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 101.1850, 70.9008, 126.1258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

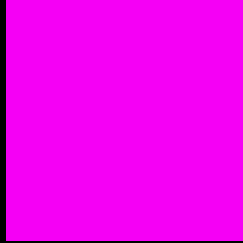
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.1850, 70.9008, 126.1258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

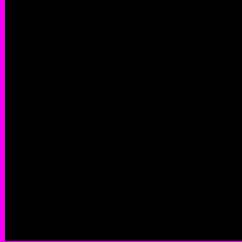
Any Text WCAG AA ✓ Pass

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 101.1850, 70.9008, 126.1258 Background



This preview shows how black text looks on a background with the YUV color 101.1850, 70.9008, 126.1258.



This preview shows how white text looks on a background with the YUV color 101.1850, 70.9008,



# 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



### Protanopia

133.4090, 59.9444, -46.8397

### Deuteranopia

134.1030, 47.2772, -43.9403

### Tritanopia

136.8640, -16.6950, 81.6803

# Trichromacy



## Protanomaly

121.5430, 63.8223, 16.1868

## Deuteranomaly

122.3770, 55.5231, 18.0864

## Tritanomaly

123.7420, 15.4102, 97.5733

# Monochromacy



## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.7570, 25.7558, 45.8171

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.1850, 70.9008, 126.1258 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, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 245)  
}
```

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, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 245) }
```

## Border

The CSS property to change the border of an element to YUV 101.1850, 70.9008, 126.1258 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, 0, 245) }
```

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

```
.border{ border-color:rgb(245, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
245) }
```



# Background

The CSS property to change the background color of an element to YUV 101.1850, 70.9008, 126.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 245) }
```

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

```
.background{ background-color: rgb(245, 0,  
245) }
```

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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