

# Converting Colors

YUV(117.3260, 50.1253,  
116.3551)

Have a look what the booklet for  
YUV(117.3260, 50.1253, 116.3551)  
contains.

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# Color

**YUV(117.3260, 50.1253,  
116.3551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA1EDB
RGB	250, 30, 219
RGB Percent	98%, 12%, 86%
CMY	0.0196, 0.8824, 0.1412
CMYK	0.00, 0.88, 0.12, 0.02
HSL	308°, 96%, 55%
HSV	308°, 88%, 98%
XYZ	52.6748, 26.3670, 69.3309
YIQ	117.3260, 70.4510, 105.4190

# Conversions

## Conversions Part 2

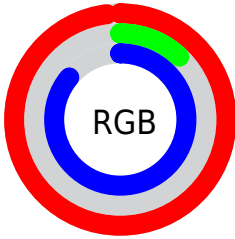
Format	Color
<a href="#">RYB</a>	<a href="#">250, 30, 219</a>
Decimal	<a href="#">16391899</a>
CIELab	<a href="#">58.38, 90.08, -43.81</a>
CIElCh	<a href="#">58, 100.171, 334.062</a>
Yxy	<a href="#">26.3670, 0.3550, 0.1777</a>
Android (android.graphics.Color)	<a href="#">4294581979 (0xFFFA1EDB)</a>
YUV	<a href="#">117.3260, 50.1253, 116.3551</a>
Hunter-Lab	<a href="#">51.3488, 93.2490, -44.1089</a>

# Details

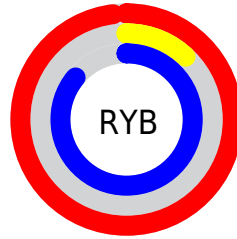
The YUV color **117.3260, 50.1253, 116.3551** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **162.6740, -50.1253, -116.3551**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **75.0930, 43.3382, 99.8964** is the 20% darker color. If you saturate the color by 10%, you get **102.1950, 55.6129, 129.6250**, and if you desaturate by 10%, it is **132.4570, 44.6377, 103.0852**.

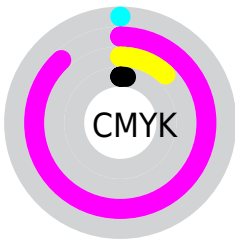
# Distribution



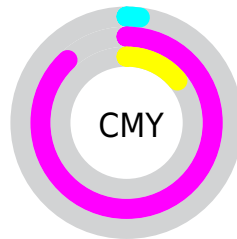
- Red (98%)
- Green (12%)
- Blue (86%)



- Red (98%)
- Yellow (12%)
- Blue (86%)



- Cyan (0%)
- Magenta (88%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (88%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 117.3260, 50.1253, 116.3551 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 117.3260, 50.1253, 116.3551 by changing the saturation by 10% instead.



117.3260, 50.1253,  
116.3551

117.3260, 50.1253,  
116.3551

255.0000, 0.0000,  
0.0000

87.2550, 51.1463,  
115.5404

169.8850, 41.9617,  
74.6459

75.0930, 43.3382,  
99.8964

188.6690, 32.7012,  
58.1723

63.1590, 36.4036,  
84.0526

206.8660, 23.7301,  
42.2135

51.2250, 29.4691,  
68.2087

225.0630, 14.7589,  
26.2547

39.4050, 22.9713,  
52.2648

242.6730, 6.0772,  
10.8108

28.5960, 16.4682,  
38.0653

17.0040, 10.8440,

21.9215

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,  
0.0000

■ 117.3260, 50.1253,  
116.3551

■ 117.3260, 50.1253,  
116.3551

■ 102.1950, 55.6129,  
129.6250

■ 132.4570, 44.6377,  
103.0852

■ 99.2600, 57.0598,  
132.1990

■ 147.4740, 38.7133,  
89.9153

■ 162.6050, 33.2257,  
76.6454

■ 177.6220, 27.3014,  
63.4755

192.7530, 21.8138,  
50.2056

207.7700, 15.8894,  
37.0357

222.9010, 10.4018,  
23.7658

237.9180, 4.4774,  
10.5959

253.0490, -1.0102,  
-2.6740

# Harmonies

## Analogous

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



135.5110, 58.9081, 5.6909



117.3260, 50.1253, 116.3551



91.4070, 20.5053, 143.4711

# Triad

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



117.3260, 50.1253, 116.3551



130.6070, -64.3893, 25.7777



129.8570, 53.3145, -113.8846

# Complementary

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



117.3260, 50.1253, 116.3551



162.6740, -50.1253, -116.3551

# 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.



119.9390, 15.3131, -105.1865



117.3260, 50.1253, 116.3551



112.1480, -55.2890, -46.6108

# Square

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



117.3260, 50.1253, 116.3551



129.5190, -63.8529, 87.2448



106.6470, -25.4620, -93.5294



128.2730, 62.4764, -112.4954



# Rectangle

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



117.3260, 50.1253, 116.3551



84.9090, -4.3921, 149.1698



106.6470, -25.4620, -93.5294



127.2520, 40.7948, -111.6000

# Sweetspot

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



117.3260, 50.1253, 116.3551



215.2320, 15.1686, 34.8765



63.7510, 91.8208, -4.1666



103.8360, 8.9549, 21.1918



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.



117.3260, 50.1253, 116.3551



101.2110, 58.0700, 134.8730



105.0140, 2.9511, 127.1527



117.1410, 2.8885, 6.8923



74.9790, 42.9014, 99.9964



24.2810, 14.1585, 32.2026



# Inverse Universe

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



117.3260, 50.1253, 116.3551



101.2110, 58.0700, 134.8730



174.9860, -2.9511, -127.1527



117.1410, 2.8885, 6.8923



74.9790, 42.9014, 99.9964

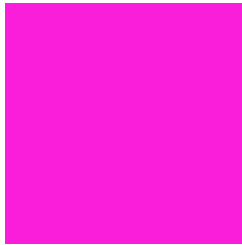


24.2810, 14.1585, 32.2026



# Previews

## White Background



This preview shows how the YUV color 117.3260, 50.1253, 116.3551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

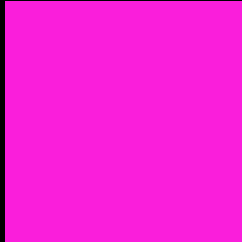
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 117.3260, 50.1253, 116.3551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

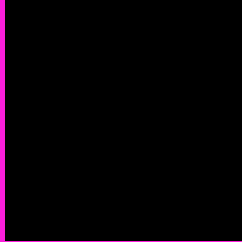
Any Text WCAG AA ✓ Pass

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 117.3260, 50.1253, 116.3551 Background



This preview shows how black text looks on a background with the YUV color 117.3260, 50.1253, 116.3551.



This preview shows how white text looks on a background with the YUV color 117.3260, 50.1253, 116.3551.



# 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

117.3260, 50.1253, 116.3551

### Protanopia

133.7080, 59.7970, -46.2249

### Deuteranopia

139.4510, 32.8087, -23.1975



## Tritanopia

134.2350, -19.3429, 91.0019

# Trichromacy



## Original Color

117.3260, 50.1253, 116.3551



## Protanomaly

127.5720, 56.4130, 12.6534



## Deuteranomaly

131.4910, 39.1979, 27.6334



## Tritanomaly

128.2340, 5.8006, 99.7728

# Monochromacy



## Original Color

117.3260, 50.1253, 116.3551



## Achromatopsia

117.0000, 0.0000, 0.0000



## Achromatomaly

116.7860, 18.3465, 42.2837

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 117.3260, 50.1253, 116.3551 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(250, 30, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 30, 219)  
}
```

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(250, 30, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 30, 219) }
```

## Border

The CSS property to change the border of an element to YUV 117.3260, 50.1253, 116.3551 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(250, 30, 219) }
```



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

```
.border{ border-color:rgb(250, 30, 219) }
```

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

Here you see how a box with a 4 pixel rgb(250, 30, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 30, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 30, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 30,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 117.3260, 50.1253, 116.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 30, 219) }
```

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

```
.background{ background-color: rgb(250, 30,  
219) }
```

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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