

# Converting Colors

YUV(106.4610, 52.0307,  
111.8517)

Have a look what the booklet for  
YUV(106.4610, 52.0307, 111.8517)  
contains.

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# Color

**YUV(106.4610, 52.0307,  
111.8517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA15D4
RGB	234, 21, 212
RGB Percent	92%, 8%, 83%
CMY	0.0824, 0.9176, 0.1686
CMYK	0.00, 0.91, 0.09, 0.08
HSL	306°, 84%, 50%
HSV	306°, 91%, 92%
XYZ	46.0835, 22.7822, 64.2559
YIQ	106.4610, 65.6370, 104.5570

# Conversions

## Conversions Part 2

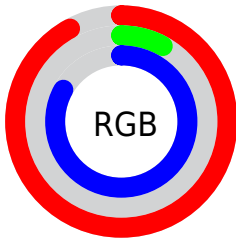
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	234, 21, 212
Decimal	15341012
CIE <sub>Lab</sub>	54.85, 87.42, -45.61
CIE <sub>LCh</sub>	55, 98.605, 332.450
Yxy	22.7822, 0.3462, 0.1711
Android (android.graphics.Color)	4293531092 (0xFFEA15D4)
YUV	106.4610, 52.0307, 111.8517
Hunter-Lab	47.7307, 88.8111, -46.4057

# Details

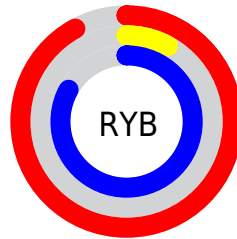
The YUV color **106.4610, 52.0307, 111.8517** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **148.5390, -52.0307, -111.8517**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **69.6250, 43.0759, 90.6599** is the 20% darker color. If you saturate the color by 10%, you get **93.9060, 57.2343, 122.8624**, and if you desaturate by 10%, it is **120.1900, 46.2483, 99.8114**.

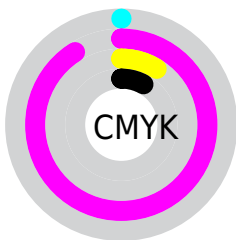
# Distribution



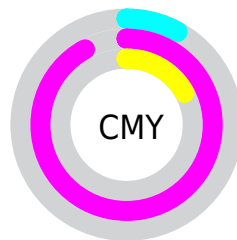
- Red (92%)
- Green (8%)
- Blue (83%)



- Red (92%)
- Yellow (8%)
- Blue (83%)



- Cyan (0%)
- Magenta (91%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (92%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 106.4610, 52.0307, 111.8517 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 106.4610, 52.0307, 111.8517 by changing the saturation by 10% instead.





 106.4610, 52.0307,  
111.8517


 106.4610, 52.0307,  
111.8517


255.0000, 0.0000,  
0.0000


 81.6730, 50.4472,  
106.4038


 166.3630, 43.6980,  
77.7346


 69.6250, 43.0759,  
90.6599


 184.5600, 34.7269,  
61.7759

 57.8760, 35.5571,  
75.5307


 202.7570, 25.7558,  
45.8171

 45.9420, 28.6226,  
59.6869

 220.3670, 17.0741,  
30.3731

 34.8340, 22.2668,  
44.8726

 238.5640, 8.1029,  
14.4144

 23.4270, 16.0585,  
29.4435

 11.5360, 10.5818,

12.6849

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,  
0.0000

■ 106.4610, 52.0307,  
111.8517

■ 106.4610, 52.0307,  
111.8517

■ 93.9060, 57.2343,  
122.8624

■ 120.1900, 46.2483,  
99.8114

■ 134.6200, 40.6133,  
87.1563

■ 148.3490, 34.8309,  
75.1159

■ 162.7790, 29.1960,  
62.4608

■ 176.5080, 23.4136,  
50.4205

■ 190.3510, 18.0680,  
38.2802

■ 204.6670, 11.9962,  
25.7250

■ 218.3960, 6.2138,  
13.6847

■ 232.8260, 0.5788,  
1.0296

# Harmonies

## Analogous

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



126.5960, 63.3032, -4.0307



106.4610, 52.0307, 111.8517



90.8370, 18.3214, 143.9710

# Triad

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



106.4610, 52.0307, 111.8517



122.9430, -60.6109, 27.2370



122.1630, 49.2196, -107.1370

# Complementary

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



106.4610, 52.0307, 111.8517



148.5390, -52.0307, -111.8517

# 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.



111.7720, 11.9444, -98.0240



106.4610, 52.0307, 111.8517



105.9790, -52.2476, -42.0776

# Square

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



106.4610, 52.0307, 111.8517



120.3710, -59.3429, 87.3746



98.5940, -28.3938, -86.4669



122.9900, 65.0809, -107.8622



# Rectangle

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



106.4610, 52.0307, 111.8517



84.5670, -5.7025, 149.4697



98.5940, -28.3938, -86.4669



119.0850, 37.4261, -104.4375

# Sweetspot

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



106.4610, 52.0307, 111.8517



213.6990, 16.9104, 36.2210



51.5610, 89.9424, -8.3850



103.3630, 9.6810, 21.6066



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.



106.4610, 52.0307, 111.8517



102.3510, 62.4380, 133.8732



94.3770, 5.7301, 122.4494



110.4290, 2.7465, 5.7628



72.5870, 44.0806, 95.0782



21.6180, 13.0063, 28.3990



# Inverse Universe

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



106.4610, 52.0307, 111.8517



102.3510, 62.4380, 133.8732



160.6230, -5.7301, -122.4494



110.4290, 2.7465, 5.7628



72.5870, 44.0806, 95.0782



21.6180, 13.0063, 28.3990



# Previews

## White Background



This preview shows how the YUV color 106.4610, 52.0307, 111.8517 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

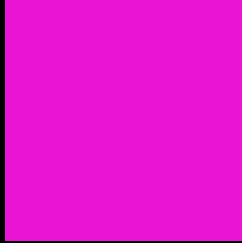
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 106.4610, 52.0307, 111.8517 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 106.4610, 52.0307, 111.8517 Background**



This preview shows how black text looks on a background with the YUV color 106.4610, 52.0307, 111.8517.



This preview shows how white text looks on a background with the YUV color 106.4610, 52.0307, 111.8517.



# 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

106.4610, 52.0307, 111.8517

### Protanopia

120.9500, 66.0867, -56.9611

### Deuteranopia

129.4830, 34.2719, -25.8566



**Tritanopia**

126.5330, -18.0108, 83.7246

# Trichromacy



## Original Color

106.4610, 52.0307, 111.8517



## Protanomaly

115.6680, 60.8027, 4.6762



## Deuteranomaly

121.2240, 40.8086, 24.3596



## Tritanomaly

119.2440, 7.2747, 93.6250

# Monochromacy



## Original Color

106.4610, 52.0307, 111.8517



## Achromatopsia

106.0000, 0.0000, 0.0000



## Achromatomaly

106.3020, 19.0781, 40.9541

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.4610, 52.0307, 111.8517 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(234, 21, 212)` looks like.

```
.text, #text, p{  
    color:rgb(234, 21, 212)  
}
```

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(234, 21, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 21, 212) }
```

## Border

The CSS property to change the border of an element to YUV 106.4610, 52.0307, 111.8517 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(234, 21, 212) }
```



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

```
.border{ border-color:rgb(234, 21, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 21, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 21, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 21, 212);  
box-shadow:4px 4px 4px 4px rgb(234, 21,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 106.4610, 52.0307, 111.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 21, 212) }
```

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

```
.background{ background-color: rgb(234, 21,  
212) }
```

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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