

# Converting Colors

YUV(121.5130, 39.6801,  
106.5441)

Have a look what the booklet for  
YUV(121.5130, 39.6801, 106.5441)  
contains.

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# Color

**YUV(121.5130, 39.6801,  
106.5441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F32CCA
RGB	243, 44, 202
RGB Percent	95%, 17%, 79%
CMY	0.0471, 0.8275, 0.2078
CMYK	0.00, 0.82, 0.17, 0.05
HSL	312°, 89%, 56%
HSV	312°, 82%, 95%
XYZ	48.5235, 25.1203, 58.1683
YIQ	121.5130, 67.8860, 91.3260

# Conversions

## Conversions Part 2

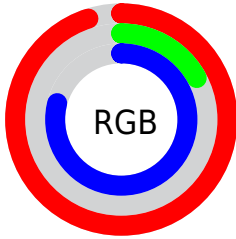
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 44, 202
Decimal	15936714
CIE Lab	57.19, 84.13, -36.09
CIE LCh	57, 91.544, 336.782
Yxy	25.1203, 0.3681, 0.1906
Android (android.graphics.Color)	4294126794 (0xFFFF32CCA)
YUV	121.5130, 39.6801, 106.5441
Hunter-Lab	50.1202, 85.1032, -33.7265

# Details

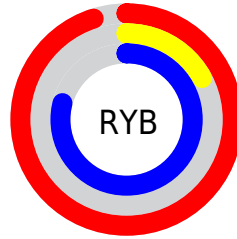
The YUV color **121.5130, 39.6801, 106.5441** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **165.4870, -39.6801, -106.5441**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8200, 40.5147, 72.0719**, and **71.1760, 37.3812, 97.1926** is the 20% darker color. If you saturate the color by 10%, you get **106.8550, 44.4415, 119.3992**, and if you desaturate by 10%, it is **136.1710, 34.9187, 93.6890**.

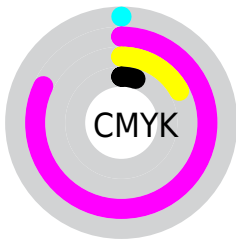
# Distribution



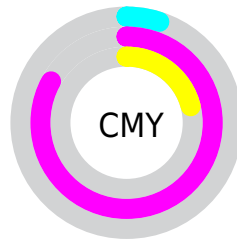
- Red (95%)
- Green (17%)
- Blue (79%)



- Red (95%)
- Yellow (17%)
- Blue (79%)



- Cyan (0%)
- Magenta (82%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (83%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 121.5130, 39.6801, 106.5441 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 121.5130, 39.6801, 106.5441 by changing the saturation by 10% instead.





 121.5130, 39.6801,  
106.5441


 121.5130, 39.6801,  
106.5441


255.0000, 0.0000,  
0.0000


 83.2240, 44.7526,  
112.9366


 172.8200, 40.5147,  
72.0719


 71.1760, 37.3812,  
97.1926


 191.0170, 31.5436,  
56.1131

 59.2420, 30.4467,  
81.3488


 208.6270, 22.8619,  
40.6691

 47.7210, 23.8015,  
66.0197

 226.2370, 14.1802,  
25.2252

 36.3140, 17.5932,  
50.5906

 244.4340, 5.2090,  
9.2664

 25.3200, 11.6742,  
35.6764

 13.8420, 6.4869,

19.4326

■ 0.0000, 0.0000,  
0.0000

■ 121.5130, 39.6801,  
106.5441

■ 121.5130, 39.6801,  
106.5441

■ 106.8550, 44.4415,  
119.3992

■ 136.1710, 34.9187,  
93.6890

■ 94.6590, 48.4821,  
130.0951

■ 151.4160, 29.8679,  
80.3192

■ 166.0740, 25.1065,  
67.4641

■ 180.7320, 20.3451,  
54.6090

■ 195.3900, 15.5837,  
41.7540

210.6350, 10.5329,  
28.3841

225.2930, 5.7716,  
15.5290

239.9510, 1.0102,  
2.6740

250.5000, -1.7255,  
-6.5775

# Harmonies

## Analogous

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



137.0500, 58.1494, 15.7422



121.5130, 39.6801, 106.5441



90.2670, 16.1374, 144.4708

# Triad

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



121.5130, 39.6801, 106.5441



127.3290, -62.7732, 20.7595



126.2380, 52.1407, -110.7107

# Complementary

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



121.5130, 39.6801, 106.5441



165.4870, -39.6801, -106.5441

# 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.



117.3460, 18.0704, -102.9124



121.5130, 39.6801, 106.5441



109.7890, -54.1260, -46.2960

# Square

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



121.5130, 39.6801, 106.5441



128.2680, -63.2361, 76.0640



105.8950, -18.1892, -92.8699



124.1640, 64.5021, -108.8918



# Rectangle

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



121.5130, 39.6801, 106.5441



101.9490, -15.2579, 134.2257



105.8950, -18.1892, -92.8699



123.5020, 41.6575, -108.3113

# Sweetspot

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



121.5130, 39.6801, 106.5441



215.9500, 12.8427, 34.2469



78.6460, 81.0265, 4.6955



104.1950, 7.7919, 20.8770



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.



121.5130, 39.6801, 106.5441



102.4360, 50.0711, 133.7986



110.3410, -3.1261, 116.3419



114.7280, 2.5991, 6.3775



72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729



# Inverse Universe

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



121.5130, 39.6801, 106.5441



102.4360, 50.0711, 133.7986



176.6590, 3.1261, -116.3419



114.7280, 2.5991, 6.3775



72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729



# Previews

## White Background



This preview shows how the YUV color 121.5130, 39.6801, 106.5441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

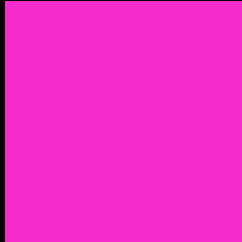
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.5130, 39.6801, 106.5441 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 121.5130, 39.6801, 106.5441 Background**



This preview shows how black text looks on a background with the YUV color 121.5130, 39.6801, 106.5441.



This preview shows how white text looks on a background with the YUV color 121.5130, 39.6801,



# 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

121.5130, 39.6801, 106.5441

### Protanopia

129.8540, 61.6970, -48.9840

### Deuteranopia

137.3720, 25.9456, -15.2352



**Tritanopia**

131.3380, -18.9006, 89.1576

# Trichromacy



## Original Color

121.5130, 39.6801, 106.5441



## Protanomaly

126.5560, 53.9559, 7.4054



## Deuteranomaly

131.9120, 30.6094, 29.0182



## Tritanomaly

127.7020, 2.6119, 95.8543

# Monochromacy



## Original Color

121.5130, 39.6801, 106.5441



## Achromatopsia

122.0000, 0.0000, 0.0000



## Achromatomaly

122.0260, 14.2842, 38.5652

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.5130, 39.6801, 106.5441 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(243, 44, 202)` looks like.

```
.text, #text, p{  
    color:rgb(243, 44, 202)  
}
```

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(243, 44, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 44, 202) }
```

## Border

The CSS property to change the border of an element to YUV 121.5130, 39.6801, 106.5441 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(243, 44, 202) }
```



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

```
.border{ border-color:rgb(243, 44, 202) }
```

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

Here you see how a box with a 4 pixel rgb(243, 44, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 44, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 44, 202);  
box-shadow:4px 4px 4px 4px rgb(243, 44,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 121.5130, 39.6801, 106.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 44, 202) }
```

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

```
.background{ background-color: rgb(243, 44,  
202) }
```

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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