

Converting Colors

YUV(121.8530, 50.8515,
116.7699)

Have a look what the booklet for
YUV(121.8530, 50.8515, 116.7699)
contains.

YUV(121.8530, 50.8515, 116.7699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.8530, 50.8515,
116.7699)**

Conversions

Conversions Part 1

Format	Color
Hex	FF22E1
RGB	255, 34, 225
RGB Percent	100%, 13%, 88%
CMY	0.0000, 0.8667, 0.1176
CMYK	0.00, 0.87, 0.12, 0.00
HSL	308°, 100%, 57%
HSV	308°, 87%, 100%
XYZ	55.4026, 27.8403, 73.6878
YIQ	121.8530, 70.4050, 106.2530

Conversions

Conversions Part 2

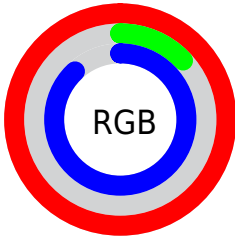
Format	Color
R _Y B	255, 34, 225
Decimal	16720609
CIE Lab	59.74, 91.19, -45.00
CIE LCh	60, 101.686, 333.734
Yxy	27.8403, 0.3530, 0.1774
Android (android.graphics.Color)	4294910689 (0xFFFF22E1)
YUV	121.8530, 50.8515, 116.7699
Hunter-Lab	52.7639, 95.0900, -45.8672

Details

The YUV color **121.8530, 50.8515, 116.7699** 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 **167.1470, -50.8515, -116.7699**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6460, 41.0935, 73.1015**, and **76.9730, 45.3693, 101.7557** is the 20% darker color. If you saturate the color by 10%, you get **106.2490, 57.0652, 130.4546**, and if you desaturate by 10%, it is **136.8700, 44.9271, 103.6000**.

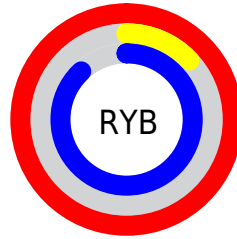
Distribution



Red (100%)

Green (13%)

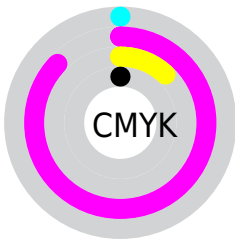
Blue (88%)



Red (100%)

Yellow (13%)

Blue (88%)

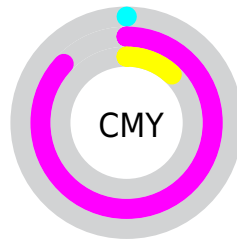


Cyan (0%)

Magenta (87%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.8530, 50.8515, 116.7699 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 121.8530, 50.8515, 116.7699 by changing the saturation by 10% instead.


 121.8530, 50.8515,
116.7699

 121.8530, 50.8515,
116.7699


255.0000, 0.0000,
0.0000


 89.4340, 53.0300,
118.0144


 171.6460, 41.0935,
73.1015


 76.9730, 45.3693,
101.7557


 190.4300, 31.8330,
56.6279


 64.9250, 37.9980,
86.0118


 208.6270, 22.8619,
40.6691

 52.9910, 31.0634,
70.1679

 226.2370, 14.1802,
25.2252

 41.4700, 24.4183,
54.8388

 244.4340, 5.2090,
9.2664

 30.6610, 17.9151,
40.6393

 18.6560, 12.0016,

23.9807

■ 2.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 121.8530, 50.8515,
116.7699

■ 121.8530, 50.8515,
116.7699

■ 106.2490, 57.0652,
130.4546

■ 136.8700, 44.9271,
103.6000

■ 101.3250, 58.5068,
134.7730

■ 152.5880, 39.1501,
89.8153

■ 167.6050, 33.2257,
76.6454

■ 183.3230, 27.4488,
62.8607

198.9270, 21.2350,
49.1760

214.0580, 15.7474,
35.9061

229.0750, 9.8230,
22.7362

244.7930, 4.0461,
8.9515

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



138.4570, 57.4557, 4.8612



121.8530, 50.8515, 116.7699



91.8630, 22.2525, 143.0711

Triad

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



121.8530, 50.8515, 116.7699



134.4500, -66.2838, 26.7924



133.2480, 53.6147, -116.8585

Complementary

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



121.8530, 50.8515, 116.7699



167.1470, -50.8515, -116.7699

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.



122.5150, 15.0291, -107.4457



121.8530, 50.8515, 116.7699



115.9910, -57.1836, -45.5961

Square

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



121.8530, 50.8515, 116.7699



132.4870, -65.3161, 89.9039



109.1090, -26.1827, -95.6886



130.6210, 61.3188, -114.5546

Rectangle

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



121.8530, 50.8515, 116.7699



85.2510, -3.0817, 148.8699



109.1090, -26.1827, -95.6886



130.0560, 41.3844, -114.0591

Sweetspot

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



121.8530, 50.8515, 116.7699



215.2320, 15.1686, 34.8765



67.8650, 92.2576, -4.2666



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.



121.8530, 50.8515, 116.7699



101.3250, 58.5068, 134.7730



109.3130, 2.8037, 127.7675



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Inverse Universe

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



121.8530, 50.8515, 116.7699



101.3250, 58.5068, 134.7730



179.6870, -2.8037, -127.7675



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 121.8530, 50.8515, 116.7699 looks on a white background.

Color Contrast Check

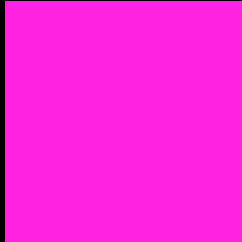
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8530, 50.8515, 116.7699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

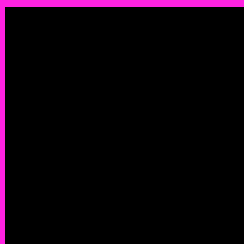
Any Text WCAG AA ✓ Pass

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 121.8530, 50.8515, 116.7699 Background



This preview shows how black text looks on a background with the YUV color 121.8530, 50.8515, 116.7699.



This preview shows how white text looks on a background with the YUV color 121.8530, 50.8515,

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

121.8530, 50.8515, 116.7699

Protanopia

138.4480, 57.4601, -43.3659

Deuteranopia

142.4940, 34.2665, -24.1122



Tritanopia

138.4200, -19.9271, 91.7167

Trichromacy



Original Color

121.8530, 50.8515, 116.7699



Protanomaly

132.2410, 55.0972, 14.6976



Deuteranomaly

134.8330, 40.5083, 27.3335



Tritanomaly

132.5330, 5.6532, 100.3876

Monochromacy



Original Color

121.8530, 50.8515, 116.7699



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.7860, 18.3465, 42.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8530, 50.8515, 116.7699 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(255, 34, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 34, 225)  
}
```

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(255, 34, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 34, 225) }
```

Border

The CSS property to change the border of an element to YUV 121.8530, 50.8515, 116.7699 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(255, 34, 225) }
```


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

```
.border{ border-color:rgb(255, 34, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 34, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 34, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 34, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 34,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 121.8530, 50.8515, 116.7699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 34, 225) }
```

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

```
.background{ background-color: rgb(255, 34,  
225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor