

# Converting Colors

YUV(116.0890, 63.0601,  
120.9479)

Have a look what the booklet for  
YUV(116.0890, 63.0601, 120.9479)  
contains.

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# Color

**YUV(116.0890, 63.0601,  
120.9479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE15F4
RGB	254, 21, 244
RGB Percent	100%, 8%, 96%
CMY	0.0039, 0.9176, 0.0431
CMYK	0.00, 0.92, 0.04, 0.00
HSL	303°, 99%, 54%
HSV	303°, 92%, 100%
XYZ	57.4704, 28.1388, 87.9903
YIQ	116.0890, 67.2850, 118.7490

# Conversions

## Conversions Part 2

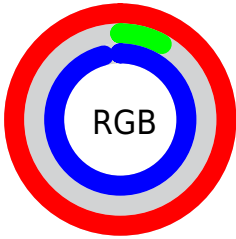
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 21, 244
Decimal	16651764
CIE <sub>Lab</sub>	60.01, 95.16, -55.23
CIE <sub>LCh</sub>	60, 110.024, 329.868
Yxy	28.1388, 0.3311, 0.1621
Android (android.graphics.Color)	4294841844 (0xFFFE15F4)
YUV	116.0890, 63.0601, 120.9479
Hunter-Lab	53.0460, 100.5573, -61.2152

# Details

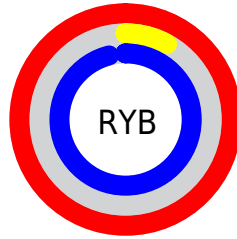
The YUV color **116.0890, 63.0601, 120.9479** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **158.9110, -63.0601, -120.9479**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 42.2511, 75.1607**, and **78.7260, 53.3791, 99.3413** is the 20% darker color. If you saturate the color by 10%, you get **103.6480, 68.7005, 131.8587**, and if you desaturate by 10%, it is **130.8780, 56.2621, 107.9780**.

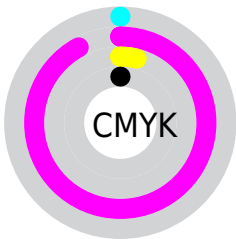
# Distribution



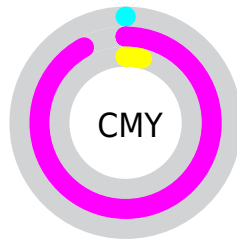
- Red (100%)
- Green (8%)
- Blue (96%)



- Red (100%)
- Yellow (8%)
- Blue (96%)



- Cyan (0%)
- Magenta (92%)
- Yellow (4%)
- Black (0%)




- Cyan (0%)
- Magenta (92%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 116.0890, 63.0601, 120.9479 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 116.0890, 63.0601, 120.9479 by changing the saturation by 10% instead.





 116.0890, 63.0601,  
120.9479


 116.0890, 63.0601,  
120.9479


255.0000, 0.0000,  
0.0000


 91.1870, 61.0398,  
115.6000


 169.2980, 42.2511,  
75.1607


 78.7260, 53.3791,  
99.3413


 188.0820, 32.9906,  
58.6871


 66.5640, 45.5709,  
83.6974


 206.8660, 23.7301,  
42.2135

 54.6300, 38.6364,  
67.8535

 225.0630, 14.7589,  
26.2547

 42.6960, 31.7019,  
52.0096

 243.2600, 5.7878,  
10.2960

 31.7730, 24.7619,  
37.9101

 19.3550, 18.5590,

20.7367

■ 3.8760, 14.8511,  
-3.3993

■ 1.0260, 3.9312,  
-0.8998

■ 116.0890, 63.0601,  
120.9479

■ 116.0890, 63.0601,  
120.9479

■ 103.6480, 68.7005,  
131.8587

■ 130.8780, 56.2621,  
107.9780

■ 146.2540, 49.1748,  
94.4932

■ 161.0430, 42.3768,  
81.5233

■ 176.4190, 35.2894,  
68.0385

191.2080, 28.4915,  
55.0686

206.1110, 22.1303,  
41.9987

221.4870, 15.0429,  
28.5139

236.2760, 8.2449,  
15.5439

251.6520, 1.1576,  
2.0592

# Harmonies

## Analogous

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



131.5250, 60.8732, -18.0004



116.0890, 63.0601, 120.9479



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.



116.0890, 63.0601, 120.9479



135.3910, -66.7478, 35.6141



134.7810, 51.8730, -118.2029

# Complementary

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



116.0890, 63.0601, 120.9479



158.9110, -63.0601, -120.9479

# 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.



122.4350, 9.6455, -107.3755



116.0890, 63.0601, 120.9479



118.3830, -58.3628, -40.6779

# Square

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



116.0890, 63.0601, 120.9479



130.2160, -64.1965, 104.1736



106.8630, -39.8655, -93.7189



133.5560, 59.8719, -117.1286



# Rectangle

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



116.0890, 63.0601, 120.9479



86.1630, 0.4126, 148.0700



106.8630, -39.8655, -93.7189



131.2470, 38.3322, -115.1036

# Sweetspot

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



116.0890, 63.0601, 120.9479



212.9810, 19.2364, 36.8507



49.9540, 100.5947, -18.3767



101.9440, 11.8596, 22.8511



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.



116.0890, 63.0601, 120.9479



104.0610, 68.9899, 132.3735



103.0930, 13.2652, 132.3454



120.2550, 3.3253, 6.7924



77.9710, 51.7793, 99.1264



26.0900, 17.2106, 33.2471



# Inverse Universe

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



116.0890, 63.0601, 120.9479



104.0610, 68.9899, 132.3735



171.9070, -13.2652, -132.3454



120.2550, 3.3253, 6.7924



77.9710, 51.7793, 99.1264



26.0900, 17.2106, 33.2471



# Previews

## White Background



This preview shows how the YUV color 116.0890, 63.0601, 120.9479 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

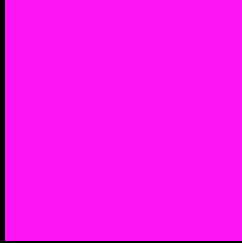
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 116.0890, 63.0601, 120.9479 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

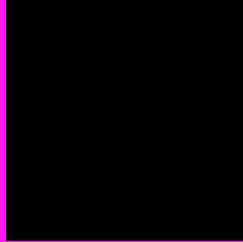
Any Text WCAG AA ✓ Pass

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 116.0890, 63.0601, 120.9479 Background



This preview shows how black text looks on a background with the YUV color 116.0890, 63.0601, 120.9479.



This preview shows how white text looks on a background with the YUV color 116.0890, 63.0601, 120.9479.

120.9479.

# 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

116.0890, 63.0601, 120.9479

### Protanopia

139.3340, 57.0233, -43.2659

### Deuteranopia

140.5230, 43.6192, -37.2927



## Tritanopia

140.1420, -18.3110, 86.6985

# Trichromacy



## Original Color

116.0890, 63.0601, 120.9479



## Protanomaly

130.9900, 59.1649, 16.6718



## Deuteranomaly

131.7210, 50.4235, 20.4157



## Tritanomaly

131.0150, 11.3316, 99.0878

# Monochromacy



## Original Color

116.0890, 63.0601, 120.9479



## Achromatopsia

116.0000, 0.0000, 0.0000



## Achromatomaly

115.7630, 23.2878, 44.0578

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 116.0890, 63.0601, 120.9479 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(254, 21, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 21, 244)  
}
```

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(254, 21, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 21, 244) }
```

## Border

The CSS property to change the border of an element to YUV 116.0890, 63.0601, 120.9479 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(254, 21, 244) }
```



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

```
.border{ border-color:rgb(254, 21, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 21, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 21, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 21, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 21,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 116.0890, 63.0601, 120.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 21, 244) }
```

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

```
.background{ background-color: rgb(254, 21,  
244) }
```

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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