

# Converting Colors

YUV(134.2300, 55.5956,  
88.3753)

Have a look what the booklet for  
YUV(134.2300, 55.5956, 88.3753)  
contains.

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# Color

**YUV(134.2300, 55.5956,  
88.3753)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB3DF7
RGB	235, 61, 247
RGB Percent	92%, 24%, 97%
CMY	0.0784, 0.7608, 0.0314
CMYK	0.05, 0.75, 0.00, 0.03
HSL	296°, 92%, 60%
HSV	296°, 75%, 97%
XYZ	52.7182, 27.7151, 90.5667
YIQ	134.2300, 43.9980, 94.7340

# Conversions

## Conversions Part 2

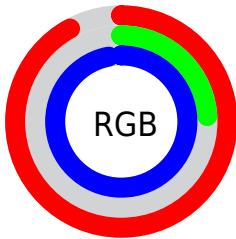
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	235, 61, 247
Decimal	15416823
CIE <sub>Lab</sub>	59.63, 84.82, -57.69
CIE <sub>LCh</sub>	60, 102.581, 325.777
Yxy	27.7151, 0.3083, 0.1621
Android (android.graphics.Color)	4293606903 (0xFFEB3DF7)
YUV	134.2300, 55.5956, 88.3753
Hunter-Lab	52.6451, 86.6190, -65.1465

# Details

The YUV color **134.2300, 55.5956, 88.3753** 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 **173.7700, -55.5956, -88.3753**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **73.9850, 57.1954, 88.5902** is the 20% darker color. If you saturate the color by 10%, you get **118.9570, 63.1252, 100.0157**, and if you desaturate by 10%, it is **149.5030, 48.0660, 76.7349**.

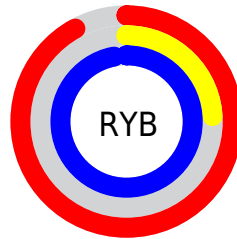
# Distribution



Red (92%)

Green (24%)

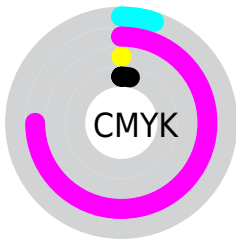
Blue (97%)



Red (92%)

Yellow (24%)

Blue (97%)

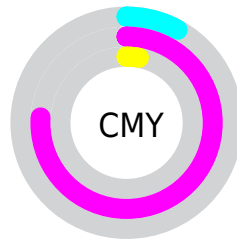


Cyan (5%)

Magenta (75%)

Yellow (0%)

Black (3%)



Cyan (8%)

Magenta (76%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.2300, 55.5956, 88.3753 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 134.2300, 55.5956, 88.3753 by changing the saturation by 10% instead.





 134.2300, 55.5956,  
88.3753


 134.2300, 55.5956,  
88.3753


255.0000, 0.0000,  
0.0000


 89.0820, 63.5566,  
101.6601


 179.2770, 37.3314,  
66.4091


 73.9850, 57.1954,  
88.5902


 196.8870, 28.6497,  
50.9651


 61.8230, 49.3873,  
72.9462


 214.4970, 19.9680,  
35.5211

 50.0740, 41.8685,  
57.8171

 232.1070, 11.2862,  
20.0772

 38.4390, 34.7866,  
42.5880

 250.3040, 2.3151,  
4.1184

 27.5160, 27.8466,  
28.4885

 14.9130, 22.2279,

10.6003

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 134.2300, 55.5956,  
88.3753

■ 134.2300, 55.5956,  
88.3753

■ 118.9570, 63.1252,  
100.0157

■ 149.5030, 48.0660,  
76.7349

■ 104.5700, 70.2180,  
111.7561

■ 163.8900, 40.9732,  
64.9945

■ 97.2270, 73.8381,  
117.3189

■ 179.1630, 33.4436,  
53.3540

■ 194.1370, 26.0615,  
41.0989

209.4100, 18.5319,  
29.4584

224.0960, 11.2917,  
18.3328

239.0700, 3.9095,  
6.0776

251.9950, -2.4625,  
-3.5036

252.2940, -2.6099,  
-2.8888

# Harmonies

## Analogous

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



126.6530, 63.2751, -41.7917



134.2300, 55.5956, 88.3753



94.5990, 32.7357, 140.6717

# Triad

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



134.2300, 55.5956, 88.3753



135.4460, -66.7749, 44.3359



130.8540, 44.4420, -114.7590

# Complementary

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



134.2300, 55.5956, 88.3753



173.7700, -55.5956, -88.3753

# 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.



119.0780, 4.3985, -104.4314



134.2300, 55.5956, 88.3753



123.5100, -60.8904, -23.2493

# Square

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



134.2300, 55.5956, 88.3753



128.1670, -63.1863, 106.8475



103.2610, -43.5127, -90.5599



132.3820, 60.4507, -116.0990



# Rectangle

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



134.2300, 55.5956, 88.3753



87.7590, 6.5278, 146.6704



103.2610, -43.5127, -90.5599



127.4340, 31.3380, -111.7596

# Sweetspot

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



134.2300, 55.5956, 88.3753



219.1710, 17.6637, 27.9140



89.2480, 77.7717, -24.7735



105.9710, 10.8603, 16.6884



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.



134.2300, 55.5956, 88.3753



115.5050, 68.7710, 109.1821



128.5840, 18.4461, 103.8508



114.9560, 3.4727, 6.1776



73.2300, 55.5956, 88.3753



23.1710, 17.6637, 27.9140



# Inverse Universe

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



117.9820, -22.1761, 113.1488



95.4800, -27.3516, 139.8990



179.4160, -18.4461, -103.8508



113.7020, -1.3321, 7.2773



56.9820, -22.1761, 113.1488



18.0970, -6.9498, 35.8719



# Previews

## White Background



This preview shows how the YUV color 134.2300, 55.5956, 88.3753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

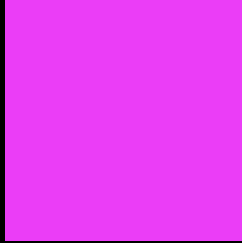
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 134.2300, 55.5956, 88.3753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

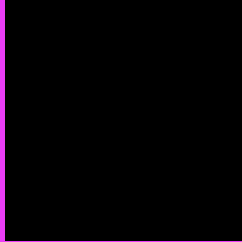
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 134.2300, 55.5956, 88.3753

## Background



This preview shows how black text looks on a background with the YUV color 134.2300, 55.5956, 88.3753.



This preview shows how white text looks on a background with the YUV color 134.2300, 55.5956, 88.3753.



# 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

134.2300, 55.5956, 88.3753

### Protanopia

137.5620, 57.8969, -43.4659

### Deuteranopia

137.5160, 47.5666, -43.4255



## Tritanopia

143.1010, -12.8678, 67.4404

# Trichromacy



## Original Color

134.2300, 55.5956, 88.3753



## Protanomaly

136.0440, 57.1663, 4.3464



## Deuteranomaly

136.3230, 50.6198, 4.1017



## Tritanomaly

139.9750, 11.8443, 74.5669

# Monochromacy



## Original Color

134.2300, 55.5956, 88.3753



## Achromatopsia

134.0000, 0.0000, 0.0000



## Achromatomaly

133.8880, 20.2682, 32.5472

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.2300, 55.5956, 88.3753 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(235, 61, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 61, 247)  
}
```

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(235, 61, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 61, 247) }
```

## Border

The CSS property to change the border of an element to YUV 134.2300, 55.5956, 88.3753 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(235, 61, 247) }
```



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

```
.border{ border-color:rgb(235, 61, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 61, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 61, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 61, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 61,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 134.2300, 55.5956, 88.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 61, 247) }
```

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

```
.background{ background-color: rgb(235, 61,  
247) }
```

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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