

Converting Colors

YUV(135.5250, 31.2932,
89.8706)

Have a look what the booklet for
YUV(135.5250, 31.2932, 89.8706)
contains.

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Color

**YUV(135.5250, 31.2932,
89.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	EE47C7
RGB	238, 71, 199
RGB Percent	93%, 28%, 78%
CMY	0.0667, 0.7216, 0.2196
CMYK	0.00, 0.70, 0.16, 0.07
HSL	314°, 83%, 61%
HSV	314°, 70%, 93%
XYZ	47.8219, 26.8071, 56.6866
YIQ	135.5250, 58.4440, 75.2120

Conversions

Conversions Part 2

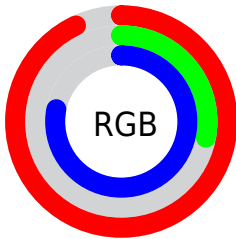
Format	Color
R _{YB}	238, 71, 199
Decimal	15615943
CIE _{Lab}	58.80, 75.29, -31.94
CIE _{LCh}	59, 81.779, 337.014
Yxy	26.8071, 0.3642, 0.2041
Android (android.graphics.Color)	4293806023 (0xFFEE47C7)
YUV	135.5250, 31.2932, 89.8706
Hunter-Lab	51.7756, 74.2621, -28.6708

Details

The YUV color **135.5250, 31.2932, 89.8706** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **173.4750, -31.2932, -89.8706**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7990, 35.5951, 63.3203**, and **69.7520, 37.0973, 94.9335** is the 20% darker color. If you saturate the color by 10%, you get **120.7530, 35.6178, 102.8256**, and if you desaturate by 10%, it is **150.2970, 26.9686, 76.9155**.

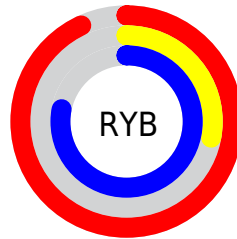
Distribution



Red (93%)

Green (28%)

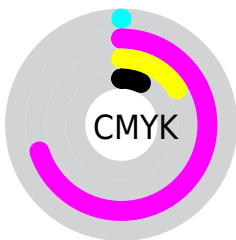
Blue (78%)



Red (93%)

Yellow (28%)

Blue (78%)

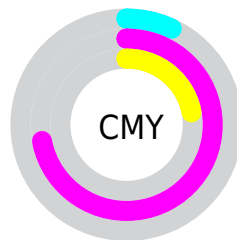


Cyan (0%)

Magenta (70%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (72%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.5250, 31.2932, 89.8706 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 135.5250, 31.2932, 89.8706 by changing the saturation by 10% instead.


 135.5250, 31.2932,
89.8706


 135.5250, 31.2932,
89.8706


255.0000, 0.0000,
0.0000


 101.0570, 34.4819,
93.7890


 182.7990, 35.5951,
63.3203

 69.7520, 37.0973,
94.9335


 200.4090, 26.9134,
47.8763

 58.1170, 30.0153,
79.7044


 217.4320, 18.5210,
32.9471

 46.5960, 23.3702,
64.3753

 235.0420, 9.8393,
17.5032

 35.1890, 17.1618,
48.9462

 252.6520, 1.1576,
2.0592

 24.7930, 10.9481,
35.2615

 13.3150, 5.7607,

19.0177

■ 0.0000, 0.0000,
0.0000

■ 135.5250, 31.2932,
89.8706

■ 135.5250, 31.2932,
89.8706

■ 120.7530, 35.6178,
102.8256

■ 150.2970, 26.9686,
76.9155

■ 106.0950, 40.3792,
115.6807

■ 164.9550, 22.2072,
64.0605

■ 91.9100, 44.4144,
128.1209

■ 179.1400, 18.1720,
51.6202

■ 193.7980, 13.4106,
38.7652

■ 208.5700, 9.0860,
25.8101

223.2280, 4.3246,
12.9550

238.0000, 0.0000,
0.0000

248.5490, -2.7357,
-9.2515

249.2330, -0.1149,
-9.8513

Harmonies

Analogous

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



143.5400, 54.9498, 15.3124



135.5250, 31.2932, 89.8706



118.4260, 4.7200, 119.7754

Triad

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



135.5250, 31.2932, 89.8706



131.1720, -64.6678, 21.7742



126.2550, 49.6673, -110.7256

Complementary

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



135.5250, 31.2932, 89.8706



173.4750, -31.2932, -89.8706

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.



118.8620, 18.8020, -104.2420



135.5250, 31.2932, 89.8706



117.2310, -57.7949, -36.1596

Square

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



135.5250, 31.2932, 89.8706



132.0780, -65.1145, 71.8456



108.4370, -13.5264, -95.0992



125.3380, 63.9234, -109.9214

Rectangle

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



135.5250, 31.2932, 89.8706



123.6340, -21.0186, 115.2080



108.4370, -13.5264, -95.0992



124.3340, 39.7683, -109.0409

Sweetspot

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



135.5250, 31.2932, 89.8706



221.8200, 9.9487, 29.0989



101.6990, 67.1964, 7.2800



108.3040, 5.7661, 17.2734



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.



135.5250, 31.2932, 89.8706



123.6820, 40.0898, 115.1659



126.0630, -4.9611, 98.1687



112.6140, 2.1623, 6.4775



71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Inverse Universe

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



135.5250, 31.2932, 89.8706



123.6820, 40.0898, 115.1659



182.9370, 4.9611, -98.1687



112.6140, 2.1623, 6.4775



71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 135.5250, 31.2932, 89.8706 looks on a white background.

Color Contrast Check

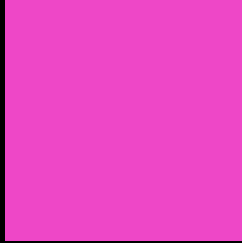
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5250, 31.2932, 89.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

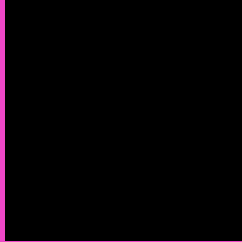
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.5250, 31.2932, 89.8706

Background



This preview shows how black text looks on a background with the YUV color 135.5250, 31.2932, 89.8706.



This preview shows how white text looks on a background with the YUV color 135.5250, 31.2932, 89.8706.

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

135.5250, 31.2932, 89.8706

Protanopia

135.6760, 58.3337, -43.5659

Deuteranopia

142.2970, 23.0246, -11.6615



Tritanopia

138.6680, -16.1053, 79.2212

Trichromacy



Original Color

135.5250, 31.2932, 89.8706



Protanomaly

135.7530, 48.4358, 4.6016



Deuteranomaly

140.0380, 26.1103, 25.3997



Tritanomaly

137.5710, 1.1975, 82.8142

Monochromacy



Original Color

135.5250, 31.2932, 89.8706



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.5970, 11.5377, 32.8024

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5250, 31.2932, 89.8706 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(238, 71, 199)` looks like.

```
.text, #text, p{  
    color:rgb(238, 71, 199)  
}
```

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(238, 71, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 71, 199) }
```

Border

The CSS property to change the border of an element to YUV 135.5250, 31.2932, 89.8706 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(238, 71, 199) }
```


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

```
.border{ border-color:rgb(238, 71, 199) }
```

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

Here you see how a box with a 4 pixel rgb(238, 71, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 71, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 71, 199);  
box-shadow:4px 4px 4px 4px rgb(238, 71,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 135.5250, 31.2932, 89.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 71, 199) }
```

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

```
.background{ background-color: rgb(238, 71,  
199) }
```

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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