

Converting Colors

YUV(131.9390, 46.8651,
88.6305)

Have a look what the booklet for
YUV(131.9390, 46.8651, 88.6305)
contains.

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Color

**YUV(131.9390, 46.8651,
88.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	E93EE3
RGB	233, 62, 227
RGB Percent	91%, 24%, 89%
CMY	0.0863, 0.7569, 0.1098
CMYK	0.00, 0.73, 0.03, 0.09
HSL	302°, 80%, 58%
HSV	302°, 73%, 91%
XYZ	49.1920, 26.3149, 75.1596
YIQ	131.9390, 48.9510, 87.5670

Conversions

Conversions Part 2

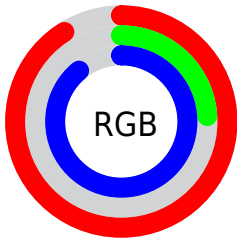
Format	Color
R _Y B	233, 62, 227
Decimal	15285987
CIE Lab	58.33, 81.03, -48.59
CIE LCh	58, 94.485, 329.051
Yxy	26.3149, 0.3265, 0.1747
Android (android.graphics.Color)	4293476067 (0xFFE93EE3)
YUV	131.9390, 46.8651, 88.6305
Hunter-Lab	51.2981, 81.4000, -50.9604

Details

The YUV color **131.9390, 46.8651, 88.6305** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **163.0610, -46.8651, -88.6305**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **71.2210, 49.1910, 89.2602** is the 20% darker color. If you saturate the color by 10%, you get **118.3240, 53.0843, 100.5709**, and if you desaturate by 10%, it is **145.5540, 40.6459, 76.6901**.

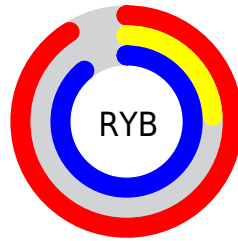
Distribution



Red (91%)

Green (24%)

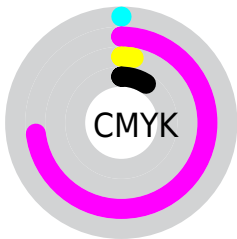
Blue (89%)



Red (91%)

Yellow (24%)

Blue (89%)

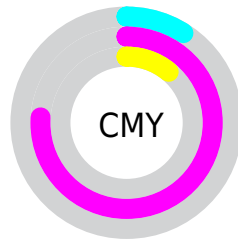


Cyan (0%)

Magenta (73%)

Yellow (3%)

Black (9%)



Cyan (9%)


Magenta (76%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.9390, 46.8651, 88.6305 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 131.9390, 46.8651, 88.6305 by changing the saturation by 10% instead.


 131.9390, 46.8651,
88.6305


 131.9390, 46.8651,
88.6305


255.0000, 0.0000,
0.0000


 91.0140, 53.2371,
98.2117


 179.2770, 37.3314,
66.4091


 71.2210, 49.1910,
89.2602


 196.8870, 28.6497,
50.9651


 59.4720, 41.6723,
74.1311


 213.9100, 20.2574,
36.0359

 47.8370, 34.5904,
58.9020

 231.5200, 11.5756,
20.5920

 36.2020, 27.5084,
43.6728

 249.7170, 2.6045,
4.6332

 25.6920, 20.8578,
30.0881

 13.8010, 15.3811,

13.3295

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 131.9390, 46.8651,
88.6305

■ 131.9390, 46.8651,
88.6305

■ 118.3240, 53.0843,
100.5709

■ 145.5540, 40.6459,
76.6901

■ 104.1220, 59.5929,
113.0260

■ 159.7560, 34.1373,
64.2350

■ 95.3170, 63.9337,
120.7480

■ 173.2570, 27.4813,
52.3946

■ 186.8720, 21.2621,
40.4543

■ 201.0740, 14.7535,
27.9991

■ 214.6890, 8.5343,
16.0587

■ 228.3040, 2.3151,
4.1184

■ 241.9190, -3.9041,
-7.8220

■ 246.0280, -5.9298,
-11.4256

Harmonies

Analogous

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



133.3080, 59.9942, -16.0561



131.9390, 46.8651, 88.6305



93.0030, 26.6205, 142.0714

Triad

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



131.9390, 46.8651, 88.6305



131.5590, -64.8586, 36.3438



127.1040, 45.3047, -111.4702

Complementary

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



131.9390, 46.8651, 88.6305



163.0610, -46.8651, -88.6305

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.



116.9410, 8.9031, -102.5573



131.9390, 46.8651, 88.6305



119.3570, -58.8430, -26.6231

Square

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



131.9390, 46.8651, 88.6305



128.0790, -63.1429, 92.8927



104.1050, -30.1248, -91.3001



128.2730, 62.4764, -112.4954

Rectangle

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



131.9390, 46.8651, 88.6305



86.7330, 2.5966, 147.5702



104.1050, -30.1248, -91.3001



124.0260, 33.5112, -108.7708

Sweetspot

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



131.9390, 46.8651, 88.6305



221.9000, 15.3323, 29.0287



83.2880, 73.8080, -13.4076



107.8140, 8.9657, 17.7031



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.



131.9390, 46.8651, 88.6305



122.6000, 61.3292, 116.1148



122.2490, 9.7372, 97.1286



110.5430, 3.1833, 5.6628



74.0690, 49.7590, 93.7785



22.0740, 14.7535, 27.9991

Inverse Universe

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



131.9390, 46.8651, 88.6305



122.6000, 61.3292, 116.1148



172.7510, -9.7372, -97.1286



110.5430, 3.1833, 5.6628



74.0690, 49.7590, 93.7785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 131.9390, 46.8651, 88.6305 looks on a white background.

Color Contrast Check

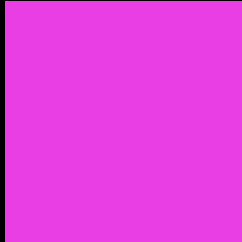
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.9390, 46.8651, 88.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

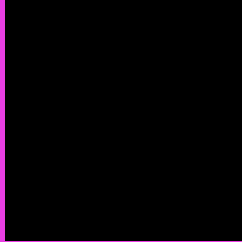
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9390, 46.8651, 88.6305

Background



This preview shows how black text looks on a background with the YUV color 131.9390, 46.8651, 88.6305.



This preview shows how white text looks on a background with the YUV color 131.9390, 46.8651, 88.6305.

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

131.9390, 46.8651, 88.6305

Protanopia

133.7080, 59.7970, -46.2249

Deuteranopia

137.4870, 38.2139, -30.2451



Tritanopia

138.7810, -14.1890, 71.2291

Trichromacy



Original Color

131.9390, 46.8651, 88.6305



Protanomaly

133.1640, 55.1351, 2.4872



Deuteranomaly

135.5600, 41.1359, 12.6639



Tritanomaly

136.3730, 8.1971, 77.7259

Monochromacy



Original Color

131.9390, 46.8651, 88.6305



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.3780, 17.0686, 32.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9390, 46.8651, 88.6305 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(233, 62, 227)` looks like.

```
.text, #text, p{  
    color:rgb(233, 62, 227)  
}
```

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(233, 62, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 62, 227) }
```

Border

The CSS property to change the border of an element to YUV 131.9390, 46.8651, 88.6305 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(233, 62, 227) }
```


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

```
.border{ border-color:rgb(233, 62, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 62, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 62, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 62, 227);  
box-shadow:4px 4px 4px 4px rgb(233, 62,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 131.9390, 46.8651, 88.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 62, 227) }
```

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

```
.background{ background-color: rgb(233, 62,  
227) }
```

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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