

Converting Colors

YUV(128.0080, -4.9339,
89.4470)

Have a look what the booklet for
YUV(128.0080, -4.9339, 89.4470)
contains.

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Color

**YUV(128.0080, -4.9339,
89.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	E64E76
RGB	230, 78, 118
RGB Percent	90%, 31%, 46%
CMY	0.0980, 0.6941, 0.5373
CMYK	0.00, 0.66, 0.49, 0.10
HSL	344°, 75%, 60%
HSV	344°, 66%, 90%
XYZ	38.6275, 23.5798, 19.6550
YIQ	128.0080, 77.7520, 44.6640

Conversions

Conversions Part 2

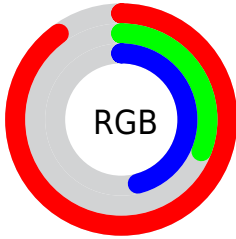
Format	Color
R_{YB}	230, 78, 118
Decimal	15093366
CIE _{Lab}	55.66, 61.46, 10.53
CIE _{LCh}	56, 62.355, 9.720
Yxy	23.5798, 0.4719, 0.2880
Android (android.graphics.Color)	4293283446 (0xFFE64E76)
YUV	128.0080, -4.9339, 89.4470
Hunter-Lab	48.5590, 57.0142, 9.9928

Details

The YUV color **128.0080, -4.9339, 89.4470** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **179.9920, 4.9339, -89.4470**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8700, -2.4009, 70.2740**, and **58.5110, 5.6641, 96.8989** is the 20% darker color. If you saturate the color by 10%, you get **112.5690, -5.7035, 102.9870**, and if you desaturate by 10%, it is **143.4470, -4.1644, 75.9070**.

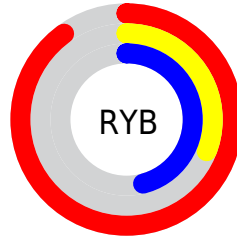
Distribution



Red (90%)

Green (31%)

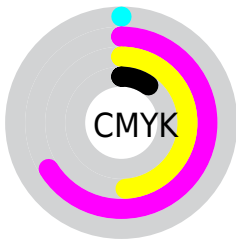
Blue (46%)



Red (90%)

Yellow (31%)

Blue (46%)

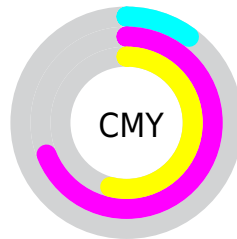


Cyan (0%)

Magenta (66%)

Yellow (49%)

Black (10%)



Cyan (10%)


Magenta (69%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.0080, -4.9339, 89.4470 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 128.0080, -4.9339, 89.4470 by changing the saturation by 10% instead.


 128.0080, -4.9339,
89.4470


 128.0080, -4.9339,
89.4470


255.0000, 0.0000,
0.0000


 97.6920, -2.3132,
88.8471


 174.8700, -2.4009,
70.2740


 58.5110, 5.6641,
96.8989


 194.9710, 1.0003,
52.6454

 47.0330, 0.4767,
80.6551


 214.5990, 5.1277,
35.4317

 35.7830, -3.8370,
64.2113

 235.5150, 9.1131,
17.0883

 24.3330, -11.5032,
49.6970

 252.6520, 1.1576,
2.0592

 15.7760, -6.7916,
31.7684

 0.0000, 0.0000,

0.0000

■ 128.0080, -4.9339,
89.4470

■ 128.0080, -4.9339,
89.4470

■ 112.5690, -5.7035,
102.9870

■ 143.4470, -4.1644,
75.9070

■ 97.1300, -6.4731,
116.5270

■ 158.8860, -3.3948,
62.3670

■ 81.6910, -7.2427,
130.0670

■ 174.3250, -2.6252,
48.8270

■ 75.7240, -7.2589,
135.3001

■ 189.7640, -1.8557,
35.2870

■ 205.2030, -1.0861,
21.7470

■ 220.6420, -0.3165,
8.2070

■ 236.0810, 0.4531,
-5.3330

■ 247.4110, 3.2484,
-15.2694

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



133.7660, 18.8494, 67.7342



128.0080, -4.9339, 89.4470



128.5960, -30.3668, 80.1613

Triad

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



128.0080, -4.9339, 89.4470



117.2530, -37.5927, -29.1629



114.2530, 59.5283, -100.1999

Complementary

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



128.0080, -4.9339, 89.4470



179.9920, 4.9339, -89.4470

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.



115.0730, 42.3620, -100.9190



128.0080, -4.9339, 89.4470



102.2880, -4.0860, -89.7066

Square

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



128.0080, -4.9339, 89.4470



122.5890, -60.4364, 17.9004



110.4330, 19.5065, -96.8497



114.2050, 62.5099, -76.4788

Rectangle

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



128.0080, -4.9339, 89.4470



128.1860, -45.4477, 63.8579



110.4330, 19.5065, -96.8497



115.5750, 54.4395, -101.3593

Sweetspot

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



128.0080, -4.9339, 89.4470



220.7310, -1.8394, 30.0539



128.5170, 50.0311, 53.0436



107.1810, -1.0752, 18.2583



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.



128.0080, -4.9339, 89.4470



120.1410, -6.4785, 118.2713



143.9930, -32.5345, 75.4281



106.9300, -0.4585, 7.0774



58.8790, -5.8563, 105.3461



16.7310, -1.8394, 30.0539

Inverse Universe

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



128.0080, -4.9339, 89.4470



120.1410, -6.4785, 118.2713



164.0070, 32.5345, -75.4281



106.9300, -0.4585, 7.0774



58.8790, -5.8563, 105.3461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 128.0080, -4.9339, 89.4470 looks on a white background.

Color Contrast Check

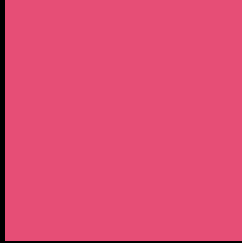
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.0080, -4.9339, 89.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

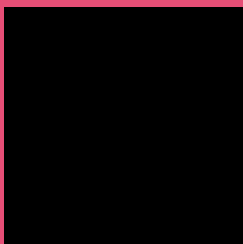
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.0080, -4.9339, 89.4470

Background



This preview shows how black text looks on a background with the YUV color 128.0080, -4.9339, 89.4470.



This preview shows how white text looks on a background with the YUV color 128.0080, -4.9339, 89.4470.

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

128.0080, -4.9339, 89.4470

Protanopia

134.4110, 6.6994, -2.1144

Deuteranopia

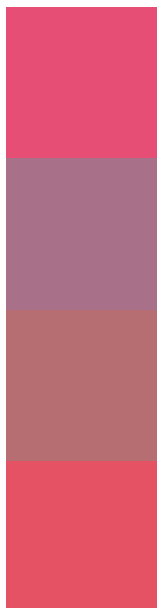
134.7220, -11.6949, 17.7838



Tritanopia

127.6260, -19.0426, 88.0280

Trichromacy



Original Color

128.0080, -4.9339, 89.4470

Protanomaly

132.1810, 2.3758, 31.4133

Deuteranomaly

131.9840, -8.8661, 43.8640

Tritanomaly

128.0050, -13.8065, 88.5726

Monochromacy



Original Color

128.0080, -4.9339, 89.4470

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0410, -1.9922, 32.4130

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0080, -4.9339, 89.4470 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(230, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(230, 78, 118)  
}
```

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(230, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 78, 118) }
```

Border

The CSS property to change the border of an element to YUV 128.0080, -4.9339, 89.4470 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(230, 78, 118) }
```


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

```
.border{ border-color:rgb(230, 78, 118) }
```

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

Here you see how a box with a 4 pixel rgb(230, 78, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 78, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 78, 118);  
box-shadow:4px 4px 4px 4px rgb(230, 78,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 128.0080, -4.9339, 89.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 78, 118) }
```

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

```
.background{ background-color: rgb(230, 78,  
118) }
```

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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