

Converting Colors

YUV(135.4090, 17.0534,
83.8333)

Have a look what the booklet for
YUV(135.4090, 17.0534, 83.8333)
contains.

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Color

**YUV(135.4090, 17.0534,
83.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	E750AA
RGB	231, 80, 170
RGB Percent	91%, 31%, 67%
CMY	0.0941, 0.6863, 0.3333
CMYK	0.00, 0.65, 0.26, 0.09
HSL	324°, 76%, 61%
HSV	324°, 65%, 91%
XYZ	43.0794, 25.6285, 40.7065
YIQ	135.4090, 61.1060, 60.0020

Conversions

Conversions Part 2

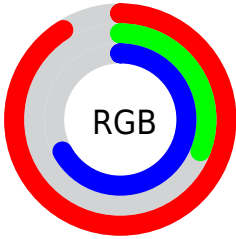
Format	Color
R _Y B	231, 80, 170
Decimal	15159466
CIE Lab	57.68, 66.47, -17.04
CIE LCh	58, 68.624, 345.623
Yxy	25.6285, 0.3937, 0.2342
Android (android.graphics.Color)	4293349546 (0xFFE750AA)
YUV	135.4090, 17.0534, 83.8333
Hunter-Lab	50.6246, 63.3027, -12.2369

Details

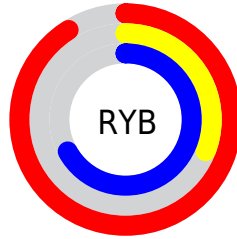
The YUV color **135.4090, 17.0534, 83.8333** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **175.5910, -17.0534, -83.8333**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9010, 20.7548, 63.2308**, and **64.5810, 26.3356, 93.3295** is the 20% darker color. If you saturate the color by 10%, you get **120.8820, 19.7782, 96.5735**, and if you desaturate by 10%, it is **149.9360, 14.3286, 71.0931**.

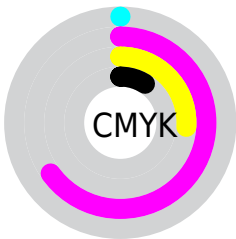
Distribution



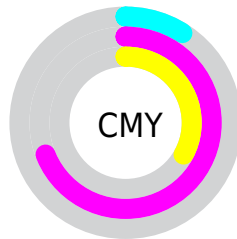
- Red (91%)
- Green (31%)
- Blue (67%)



- Red (91%)
- Yellow (31%)
- Blue (67%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.4090, 17.0534, 83.8333 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 135.4090, 17.0534, 83.8333 by changing the saturation by 10% instead.


 135.4090, 17.0534,
83.8333


 135.4090, 17.0534,
83.8333


255.0000, 0.0000,
0.0000


 104.5770, 18.9425,
84.5630


 182.9010, 20.7548,
63.2308

 64.5810, 26.3356,
93.3295


 203.2300, 25.0296,
45.4023

 53.0600, 19.6904,
78.0004

 220.3670, 17.0741,
30.3731

 41.9520, 13.3347,
63.1861

 237.3900, 8.6817,
15.4440

 30.7730, 7.9999,
47.5571

 20.6050, 2.6597,
33.6724

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 135.4090, 17.0534,
83.8333

■ 135.4090, 17.0534,
83.8333

■ 120.8820, 19.7782,
96.5735

■ 149.9360, 14.3286,
71.0931

■ 106.2410, 22.0662,
109.4136

■ 164.5770, 12.0405,
58.2530

■ 91.7140, 24.7910,
122.1538

■ 179.1040, 9.3157,
45.5128

■ 84.8010, 26.2271,
128.2165

■ 193.6310, 6.5909,
32.7726

■ 208.8590, 4.0135,
19.4177

■ 223.3860, 1.2887,
6.6775

■ 237.9130, -1.4361,
-6.0627

■ 246.6840, -0.8302,
-13.7549

■ 247.7100, 3.1010,
-14.6547

Harmonies

Analogous

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



142.0510, 39.9079, 33.2813



135.4090, 17.0534, 83.8333



130.4070, -10.0607, 100.4981

Triad

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



135.4090, 17.0534, 83.8333



126.0780, -62.1565, 9.5786



121.1030, 50.2352, -106.2073

Complementary

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



135.4090, 17.0534, 83.8333



175.5910, -17.0534, -83.8333

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.



116.7080, 25.7800, -102.3529



135.4090, 17.0534, 83.8333



116.8270, -34.9177, -47.2063

Square

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



135.4090, 17.0534, 83.8333



130.1850, -64.1812, 52.4578



108.4660, -0.7227, -95.1247



119.4680, 66.8173, -104.7734

Rectangle

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



135.4090, 17.0534, 83.8333



131.3140, -29.2418, 92.6866



108.4660, -0.7227, -95.1247



120.4530, 42.6677, -105.6373

Sweetspot

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



135.4090, 17.0534, 83.8333



222.6690, 5.5862, 28.3543



115.1540, 57.1121, 21.7899



108.3210, 3.2927, 17.2585



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.



135.4090, 17.0534, 83.8333



129.0670, 22.6450, 110.4432



126.8590, -15.7065, 91.3317



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Inverse Universe

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



135.4090, 17.0534, 83.8333



129.0670, 22.6450, 110.4432



184.1410, 15.7065, -91.3317



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 135.4090, 17.0534, 83.8333 looks on a white background.

Color Contrast Check

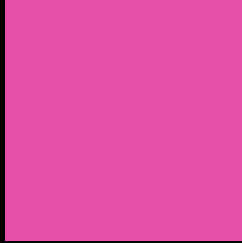
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.4090, 17.0534, 83.8333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

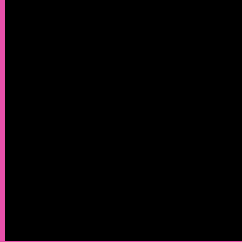
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.4090, 17.0534, 83.8333

Background



This preview shows how black text looks on a background with the YUV color 135.4090, 17.0534, 83.8333.



This preview shows how white text looks on a background with the YUV color 135.4090, 17.0534,

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

135.4090, 17.0534, 83.8333

Protanopia

138.2600, 35.8608, -22.1530

Deuteranopia

140.4590, 10.6197, 0.4745



Tritanopia

135.9560, -16.2473, 78.0916

Trichromacy



Original Color

135.4090, 17.0534, 83.8333



Protanomaly

137.0800, 29.0476, 16.5928



Deuteranomaly

138.9280, 12.8535, 30.7581



Tritanomaly

135.7680, -4.3226, 80.0105

Monochromacy



Original Color

135.4090, 17.0534, 83.8333



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.2070, 6.3069, 30.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4090, 17.0534, 83.8333 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(231, 80, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 80, 170)  
}
```

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(231, 80, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 80, 170) }
```

Border

The CSS property to change the border of an element to YUV 135.4090, 17.0534, 83.8333 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(231, 80, 170) }
```


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

```
.border{ border-color:rgb(231, 80, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 80, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 80, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 80, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 80,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 135.4090, 17.0534, 83.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 80, 170) }
```

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

```
.background{ background-color: rgb(231, 80,  
170) }
```

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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