

Converting Colors

YUV(135.6940, 28.2519,
85.3374)

Have a look what the booklet for
YUV(135.6940, 28.2519, 85.3374)
contains.

YUV(135.6940, 28.2519, 85.3374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.6940, 28.2519,
85.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	E94BC1
RGB	233, 75, 193
RGB Percent	91%, 29%, 76%
CMY	0.0863, 0.7059, 0.2431
CMYK	0.00, 0.68, 0.17, 0.09
HSL	315°, 78%, 60%
HSV	315°, 68%, 91%
XYZ	45.7460, 26.2060, 53.0993
YIQ	135.6940, 56.2900, 70.1940

Conversions

Conversions Part 2

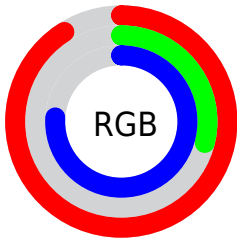
Format	Color
R_{YB}	233, 75, 193
Decimal	15289281
CIE _{Lab}	58.23, 71.87, -29.44
CIE _{LCh}	58, 77.669, 337.727
Yxy	26.2060, 0.3658, 0.2096
Android (android.graphics.Color)	4293479361 (0xFFE94BC1)
YUV	135.6940, 28.2519, 85.3374
Hunter-Lab	51.1918, 69.9252, -25.6649

Details

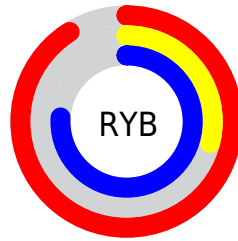
The YUV color **135.6940, 28.2519, 85.3374** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **172.3060, -28.2519, -85.3374**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9900, 32.5429, 62.2758**, and **67.5730, 35.2135, 92.4595** is the 20% darker color. If you saturate the color by 10%, you get **121.5090, 32.2871, 97.7776**, and if you desaturate by 10%, it is **149.8790, 24.2167, 72.8971**.

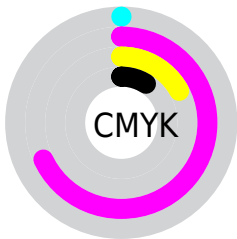
Distribution



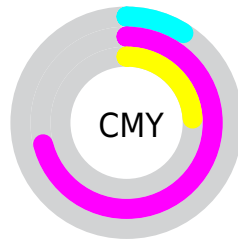
- Red (91%)
- Green (29%)
- Blue (76%)



- Red (91%)
- Yellow (29%)
- Blue (76%)



- Cyan (0%)
- Magenta (68%)
- Yellow (17%)
- Black (9%)



- Cyan (9%)
- Magenta (71%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.6940, 28.2519, 85.3374 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 135.6940, 28.2519, 85.3374 by changing the saturation by 10% instead.


 135.6940, 28.2519,
85.3374


 135.6940, 28.2519,
85.3374


255.0000, 0.0000,
0.0000


 103.1010, 31.0092,
87.6114


 183.9900, 32.5429,
62.2758


 67.5730, 35.2135,
92.4595


 201.5830, 26.3346,
46.8467

 55.9380, 28.1316,
77.2304

 218.6060, 17.9422,
31.9175

 44.8300, 21.7758,
62.4161

 236.2160, 9.2605,
16.4736

 33.7220, 15.4201,
47.6018

253.8260, 0.5788,
1.0296

 23.3260, 9.2063,
33.9171

 11.5490, 4.1663,

17.0585

■ 0.0000, 0.0000,
0.0000

■ 135.6940, 28.2519,
85.3374

■ 135.6940, 28.2519,
85.3374

■ 121.5090, 32.2871,
97.7776

■ 149.8790, 24.2167,
72.8971

■ 106.7370, 36.6117,
110.7327

■ 164.6510, 19.8921,
59.9421

■ 92.5520, 40.6469,
123.1729

■ 178.8360, 15.8569,
47.5018

■ 89.5030, 41.6570,
125.8469

■ 193.0210, 11.8216,
35.0616

■ 207.0920, 7.3496,
22.7213

■ 221.8640, 3.0250,
9.7663

■ 236.0490, -1.0102,
-2.6740

■ 246.7120, -3.3090,
-12.0254

■ 247.3960, -0.6882,
-12.6253

Harmonies

Analogous

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



143.1550, 52.1816, 16.5271



135.6940, 28.2519, 85.3374



123.3670, 0.8051, 115.4421

Triad

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



135.6940, 28.2519, 85.3374



129.6880, -63.9362, 20.4446



124.5110, 48.0621, -109.1961

Complementary

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



135.6940, 28.2519, 85.3374



172.3060, -28.2519, -85.3374

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.



117.5740, 18.9440, -103.1124



135.6940, 28.2519, 85.3374



116.0680, -57.2215, -33.3856

Square

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



135.6940, 28.2519, 85.3374



131.1700, -64.6668, 68.2569



107.7190, -11.2005, -94.4696



123.5770, 64.7915, -108.3770

Rectangle

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



135.6940, 28.2519, 85.3374



126.8570, -22.6075, 111.5044



107.7190, -11.2005, -94.4696



122.8180, 39.0367, -107.7114

Sweetspot

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



135.6940, 28.2519, 85.3374



223.5810, 9.0806, 27.5545



104.6730, 63.2652, 8.1798



108.8910, 5.4767, 16.7586



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.



135.6940, 28.2519, 85.3374



127.5630, 37.1904, 111.7622



126.6880, -6.2552, 93.2356



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Inverse Universe

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



135.6940, 28.2519, 85.3374



127.5630, 37.1904, 111.7622



181.3120, 6.2552, -93.2356



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 135.6940, 28.2519, 85.3374 looks on a white background.

Color Contrast Check

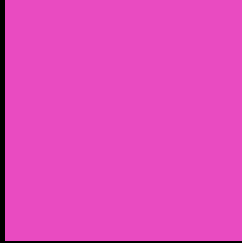
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6940, 28.2519, 85.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

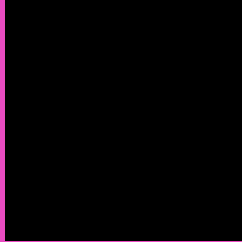
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6940, 28.2519, 85.3374

Background



This preview shows how black text looks on a background with the YUV color 135.6940, 28.2519, 85.3374.



This preview shows how white text looks on a background with the YUV color 135.6940, 28.2519,

85.3374.

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

135.6940, 28.2519, 85.3374

Protanopia

135.9280, 52.7865, -37.6479

Deuteranopia

141.1510, 21.1246, -8.9024



Tritanopia

138.1730, -15.3683, 76.1473

Trichromacy



Original Color

135.6940, 28.2519, 85.3374



Protanomaly

135.6240, 44.0624, 7.3458



Deuteranomaly

139.0550, 23.6369, 25.3848



Tritanomaly

137.3210, 0.3347, 79.5255

Monochromacy



Original Color

135.6940, 28.2519, 85.3374



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.9450, 10.3801, 30.7432

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6940, 28.2519, 85.3374 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, 75, 193)` looks like.

```
.text, #text, p{  
    color:rgb(233, 75, 193)  
}
```

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, 75, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 75, 193) }
```

Border

The CSS property to change the border of an element to YUV 135.6940, 28.2519, 85.3374 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, 75, 193) }
```


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

```
.border{ border-color:rgb(233, 75, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 75, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 75, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 75, 193);  
box-shadow:4px 4px 4px 4px rgb(233, 75,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 135.6940, 28.2519, 85.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 75, 193) }
```

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

```
.background{ background-color: rgb(233, 75,  
193) }
```

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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