

Converting Colors

YUV(135.9350, 22.7100,
89.5110)

Have a look what the booklet for
YUV(135.9350, 22.7100, 89.5110)
contains.

YUV(135.9350, 22.7100, 89.5110)	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(135.9350, 22.7100,
89.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4BB6
RGB	238, 75, 182
RGB Percent	93%, 29%, 71%
CMY	0.0667, 0.7059, 0.2863
CMYK	0.00, 0.68, 0.24, 0.07
HSL	321°, 83%, 61%
HSV	321°, 68%, 93%
XYZ	46.2195, 26.5867, 46.9517
YIQ	135.9350, 62.8010, 67.8330

Conversions

Conversions Part 2

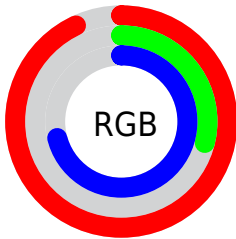
Format	Color
R _{YB}	238, 75, 182
Decimal	15616950
CIE _{Lab}	58.59, 71.68, -22.50
CIE _{LCh}	59, 75.126, 342.576
Yxy	26.5867, 0.3859, 0.2220
Android (android.graphics.Color)	4293807030 (0xFFEE4BB6)
YUV	135.9350, 22.7100, 89.5110
Hunter-Lab	51.5623, 69.7701, -17.8948

Details

The YUV color **135.9350, 22.7100, 89.5110** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **177.0650, -22.7100, -89.5110**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6220, 27.3014, 63.4755**, and **67.9280, 30.1085, 96.5331** is the 20% darker color. If you saturate the color by 10%, you get **120.9350, 26.1610, 102.6660**, and if you desaturate by 10%, it is **150.9350, 19.2590, 76.3560**.

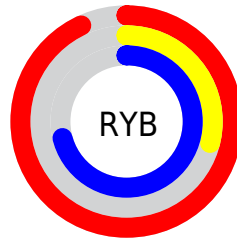
Distribution



Red (93%)

Green (29%)

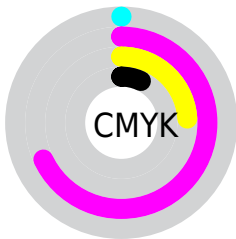
Blue (71%)



Red (93%)

Yellow (29%)

Blue (71%)

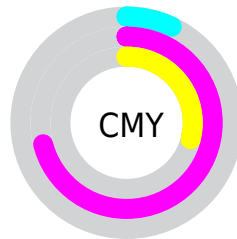


Cyan (0%)

Magenta (68%)

Yellow (24%)

Black (7%)



Cyan (7%)


Magenta (71%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.9350, 22.7100, 89.5110 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 135.9350, 22.7100, 89.5110 by changing the saturation by 10% instead.


 135.9350, 22.7100,
89.5110


 135.9350, 22.7100,
89.5110


255.0000, 0.0000,
0.0000


 103.3420, 25.4674,
91.7851


 182.6220, 27.3014,
63.4755


 67.9280, 30.1085,
96.5331


 201.5830, 26.3346,
46.8467

 56.4070, 23.4633,
81.2041

 218.6060, 17.9422,
31.9175

 44.8860, 16.8182,
65.8750

 236.2160, 9.2605,
16.4736

 33.5930, 11.0467,
50.3459

253.8260, 0.5788,
1.0296

 23.4250, 5.7065,
36.4613

 11.3770, -1.6649,

20.7174

■ 0.0000, 0.0000,
0.0000

■ 135.9350, 22.7100,
89.5110

■ 135.9350, 22.7100,
89.5110

■ 120.9350, 26.1610,
102.6660

■ 150.9350, 19.2590,
76.3560

■ 105.9350, 29.6120,
115.8210

■ 165.9350, 15.8080,
63.2010

■ 91.4080, 32.3369,
128.5612

■ 180.4620, 13.0832,
50.4608

■ 88.9460, 33.0576,
130.7204

■ 195.4620, 9.6322,
37.3058

■ 210.4620, 6.1812,
24.1508

225.4620, 2.7302,
10.9958

240.4620, -0.7208,
-2.1592

249.0050, -0.9885,
-9.6514

249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



144.1520, 46.7601, 28.8077



135.9350, 22.7100, 89.5110



127.6240, -5.7306, 111.7088

Triad

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



135.9350, 22.7100, 89.5110



129.3450, -63.7671, 12.8524



124.7220, 51.4091, -109.3812

Complementary

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



135.9350, 22.7100, 89.5110



177.0650, -22.7100, -89.5110

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.



118.9420, 24.1856, -104.3121



135.9350, 22.7100, 89.5110



117.0200, -44.3799, -45.6215

Square

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



135.9350, 22.7100, 89.5110



132.8870, -65.5133, 59.7351



109.9020, -5.3747, -96.3841



122.4030, 65.3703, -107.3474

Rectangle

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



135.9350, 22.7100, 89.5110



130.4340, -27.8220, 103.9824



109.9020, -5.3747, -96.3841



123.2570, 43.2573, -108.0964

Sweetspot

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



135.9350, 22.7100, 89.5110



221.2500, 7.7648, 29.5988



109.7280, 63.2381, 16.9015



107.9620, 4.4557, 17.5733



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.



135.9350, 22.7100, 89.5110



124.1090, 29.0333, 114.7914



126.8150, -12.2338, 97.5092



112.5000, 1.7255, 6.5775



68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Inverse Universe

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



135.9350, 22.7100, 89.5110



124.1090, 29.0333, 114.7914



186.1850, 12.2338, -97.5092



112.5000, 1.7255, 6.5775



68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 135.9350, 22.7100, 89.5110 looks on a white background.

Color Contrast Check

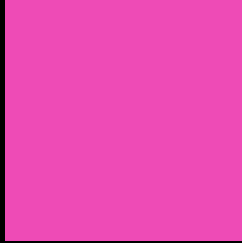
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.9350, 22.7100, 89.5110 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 135.9350, 22.7100, 89.5110

Background



This preview shows how black text looks on a background with the YUV color 135.9350, 22.7100, 89.5110.



This preview shows how white text looks on a background with the YUV color 135.9350, 22.7100, 89.5110.

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

135.9350, 22.7100, 89.5110

Protanopia

138.7350, 45.4866, -29.5856

Deuteranopia

142.2890, 15.1405, -2.8845



Tritanopia

137.7500, -17.1318, 81.7802

Trichromacy



Original Color

135.9350, 22.7100, 89.5110



Protanomaly

137.5340, 37.2047, 13.5637



Deuteranomaly

139.8940, 17.8003, 30.7880



Tritanomaly

137.2570, -2.5917, 84.8436

Monochromacy



Original Color

135.9350, 22.7100, 89.5110



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.0870, 8.3381, 32.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9350, 22.7100, 89.5110 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, 75, 182)` looks like.

```
.text, #text, p{  
    color:rgb(238, 75, 182)  
}
```

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, 75, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 75, 182) }
```

Border

The CSS property to change the border of an element to YUV 135.9350, 22.7100, 89.5110 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, 75, 182) }
```


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

```
.border{ border-color:rgb(238, 75, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 75, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 75, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 75, 182);  
box-shadow:4px 4px 4px 4px rgb(238, 75,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 135.9350, 22.7100, 89.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 75, 182) }
```

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

```
.background{ background-color: rgb(238, 75,  
182) }
```

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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