

Converting Colors

YUV(137.7230, 17.3916,
68.6489)

Have a look what the booklet for
YUV(137.7230, 17.3916, 68.6489)
contains.

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Color

**YUV(137.7230, 17.3916,
68.6489)**

Conversions

Conversions Part 1

Format	Color
Hex	D85BAD
RGB	216, 91, 173
RGB Percent	85%, 36%, 68%
CMY	0.1529, 0.6431, 0.3216
CMYK	0.00, 0.58, 0.20, 0.15
HSL	321°, 62%, 60%
HSV	321°, 58%, 85%
XYZ	39.6028, 25.0982, 42.2923
YIQ	137.7230, 48.1780, 52.0020

Conversions

Conversions Part 2

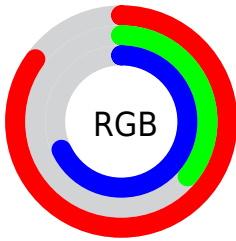
Format	Color
R_{YB}	216, 91, 173
Decimal	14179245
CIE _{Lab}	57.17, 58.06, -19.77
CIE _{LCh}	57, 61.331, 341.197
Yxy	25.0982, 0.3701, 0.2346
Android (android.graphics.Color)	4292369325 (0xFFD85BAD)
YUV	137.7230, 17.3916, 68.6489
Hunter-Lab	50.0981, 53.4334, -14.9833

Details

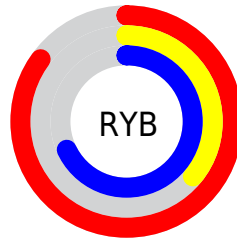
The YUV color **137.7230, 17.3916, 68.6489** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **169.2770, -17.3916, -68.6489**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6400, 19.8975, 58.1977**, and **79.1190, 20.1543, 69.1786** is the 20% darker color. If you saturate the color by 10%, you get **124.0110, 20.7006, 80.6744**, and if you desaturate by 10%, it is **151.4350, 14.0825, 56.6235**.

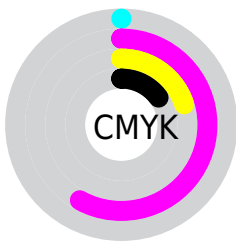
Distribution



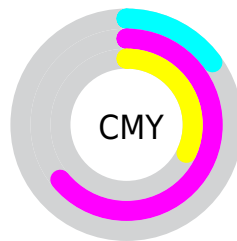
- Red (85%)
- Green (36%)
- Blue (68%)



- Red (85%)
- Yellow (36%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.7230, 17.3916, 68.6489 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 137.7230, 17.3916, 68.6489 by changing the saturation by 10% instead.


 137.7230, 17.3916,
68.6489


 137.7230, 17.3916,
68.6489


255.0000, 0.0000,
0.0000


 109.5380, 17.9758,
67.9342


 188.6400, 19.8975,
58.1977


 79.1190, 20.1543,
69.1786


 208.0400, 23.1513,
41.1839

 49.8140, 22.7697,
70.3231

 224.4760, 15.0483,
26.7695

 38.7060, 16.4139,
55.5088

 242.0860, 6.3666,
11.3256

 28.0110, 10.3476,
41.2094

 18.1420, 4.8600,
27.9395

 2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,
0.0000

■ 137.7230, 17.3916,
68.6489

■ 137.7230, 17.3916,
68.6489

■ 124.0110, 20.7006,
80.6744

■ 151.4350, 14.0825,
56.6235

■ 110.7720, 23.2834,
92.2850

■ 164.6740, 11.4997,
45.0129

■ 97.0600, 26.5924,
104.3104

■ 178.3860, 8.1907,
32.9875

■ 83.8210, 29.1752,
115.9210

■ 191.6250, 5.6079,
21.3769

■ 80.7720, 30.1854,
118.5950

■ 205.3370, 2.2989,
9.3515

■ 219.1630, -0.5734,
-2.7740

■ 232.2880, -3.5930,
-14.2846

■ 240.7170, -4.2975,
-21.6768

■ 241.6290, -0.8031,
-22.4766

Harmonies

Analogous

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



141.1050, 37.9092, 20.9559



137.7230, 17.3916, 68.6489



132.5410, -6.6757, 88.1025

Triad

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



137.7230, 17.3916, 68.6489



126.9200, -59.1206, 15.8562



117.5180, 44.1146, -103.0633

Complementary

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



137.7230, 17.3916, 68.6489



169.2770, -17.3916, -68.6489

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.



112.8780, 21.2591, -98.9940



137.7230, 17.3916, 68.6489



120.8120, -35.4033, -31.4071

Square

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



137.7230, 17.3916, 68.6489



131.6870, -52.1037, 52.0175



105.4340, -2.1860, -92.4656



116.4700, 60.4073, -102.1442

Rectangle

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



137.7230, 17.3916, 68.6489



132.7520, -23.5417, 84.4095



105.4340, -2.1860, -92.4656



116.8680, 36.5471, -102.4932

Sweetspot

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



137.7230, 17.3916, 68.6489



228.0490, 5.8918, 23.6360



117.8080, 48.4087, 13.3234



111.7120, 3.5930, 14.2846



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.



137.7230, 17.3916, 68.6489



144.7340, 24.2881, 96.7033



130.7690, -9.2531, 74.7476



100.0870, 1.4361, 6.0627



63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360

Inverse Universe

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



137.7230, 17.3916, 68.6489



144.7340, 24.2881, 96.7033



176.2310, 9.2531, -74.7476



100.0870, 1.4361, 6.0627



63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 137.7230, 17.3916, 68.6489 looks on a white background.

Color Contrast Check

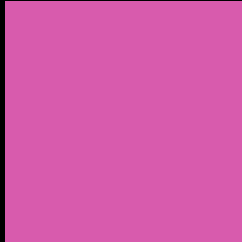
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7230, 17.3916, 68.6489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

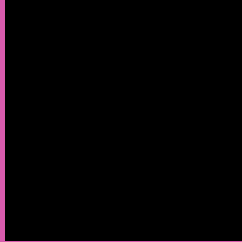
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7230, 17.3916, 68.6489

Background



This preview shows how black text looks on a background with the YUV color 137.7230, 17.3916, 68.6489.



This preview shows how white text looks on a background with the YUV color 137.7230, 17.3916,

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

137.7230, 17.3916, 68.6489

Protanopia

136.5160, 34.2556, -20.6235

Deuteranopia

139.1320, 13.2459, -1.8698



Tritanopia

137.3070, -11.9834, 63.7518

Trichromacy



Original Color

137.7230, 17.3916, 68.6489

Protanomaly

136.8190, 28.1902, 11.5597

Deuteranomaly

138.7530, 14.9118, 23.8956

Tritanomaly

137.4780, -1.2217, 65.3558

Monochromacy



Original Color

137.7230, 17.3916, 68.6489

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8750, 6.4706, 24.6656

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7230, 17.3916, 68.6489 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(216, 91, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 91, 173)  
}
```

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(216, 91, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 91, 173) }
```

Border

The CSS property to change the border of an element to YUV 137.7230, 17.3916, 68.6489 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(216, 91, 173) }
```


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

```
.border{ border-color:rgb(216, 91, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 91, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 91, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 91, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 91,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 137.7230, 17.3916, 68.6489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 91, 173) }
```

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

```
.background{ background-color: rgb(216, 91,  
173) }
```

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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