

Converting Colors

YUV(84.3650, 27.4281,
116.3209)

Have a look what the booklet for
YUV(84.3650, 27.4281, 116.3209)
contains.

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Color

**YUV(84.3650, 27.4281,
116.3209)**

Conversions

Conversions Part 1

Format	Color
Hex	D9068C
RGB	217, 6, 140
RGB Percent	85%, 2%, 55%
CMY	0.1490, 0.9765, 0.4510
CMYK	0.00, 0.97, 0.35, 0.15
HSL	322°, 95%, 44%
HSV	322°, 97%, 85%
XYZ	33.4140, 16.7754, 26.2878
YIQ	84.3650, 82.7420, 86.4060

Conversions

Conversions Part 2

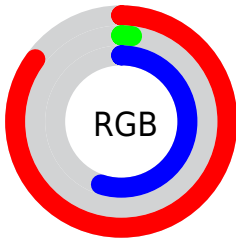
Format	Color
R_{YB}	217, 6, 140
Decimal	14222988
CIE _{Lab}	47.98, 77.13, -14.23
CIE _{LCh}	48, 78.430, 349.544
Yxy	16.7754, 0.4369, 0.2194
Android (android.graphics.Color)	4292413068 (0xFFD9068C)
YUV	84.3650, 27.4281, 116.3209
Hunter-Lab	40.9578, 73.9470, -9.3834

Details

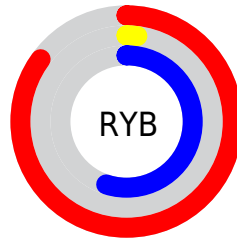
The YUV color **84.3650, 27.4281, 116.3209** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **138.6350, -27.4281, -116.3209**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9520, 20.2367, 89.4961**, and **56.9040, 16.3163, 86.9072** is the 20% darker color. If you saturate the color by 10%, you get **80.6150, 28.2908, 119.6096**, and if you desaturate by 10%, it is **98.1910, 24.5558, 104.1955**.

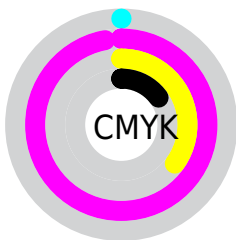
Distribution



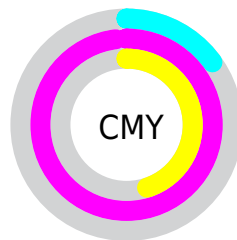
- Red (85%)
- Green (2%)
- Blue (55%)



- Red (85%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (97%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (98%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.3650, 27.4281, 116.3209 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 84.3650, 27.4281, 116.3209 by changing the saturation by 10% instead.


 84.3650, 27.4281,
116.3209


 84.3650, 27.4281,
116.3209


255.0000, 0.0000,
0.0000


 68.6100, 22.3773,
102.9510


 152.9520, 20.2367,
89.4961


 56.9040, 16.3163,
86.9072


 174.3410, 23.4959,
70.7379


 45.4970, 10.1080,
71.4781


 195.1430, 27.0445,
52.4946

 34.0190, 4.9206,
55.2343

 213.3230, 20.5468,
36.5507

 23.3670, 0.3121,
40.0201

 230.9330, 11.8650,
21.1068

 11.7750, -5.3121,
23.8763

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 84.3650, 27.4281,
116.3209

■ 84.3650, 27.4281,
116.3209

■ 80.6150, 28.2908,
119.6096

■ 98.1910, 24.5558,
104.1955

■ 111.4300, 21.9730,
92.5849

■ 125.2560, 19.1008,
80.4595

■ 139.0820, 16.2286,
68.3341

■ 152.3210, 13.6457,
56.7235

■ 166.1470, 10.7735,
44.5981

■ 179.8590, 7.4645,
32.5727

■ 193.6850, 4.5923,
20.4473

■ 206.9240, 2.0095,
8.8367

Harmonies

Analogous

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



113.3500, 43.2114, 47.0510



84.3650, 27.4281, 116.3209



81.5810, -3.7374, 125.7785

Triad

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



84.3650, 27.4281, 116.3209



102.0900, -50.3304, -3.5869



106.1030, 53.6862, -93.0523

Complementary

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



84.3650, 27.4281, 116.3209



138.6350, -27.4281, -116.3209

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.



101.2520, 27.4838, -88.7980



84.3650, 27.4281, 116.3209



79.3590, -38.6310, -69.5978

Square

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



84.3650, 27.4281, 116.3209



107.7030, -53.0976, 44.1105



92.2120, -2.0765, -80.8699



103.7670, 70.1209, -91.0037

Rectangle

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



84.3650, 27.4281, 116.3209



98.3320, -33.1947, 100.5638



92.2120, -2.0765, -80.8699



105.3390, 45.6819, -92.3823

Sweetspot

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



84.3650, 27.4281, 116.3209



208.4840, 9.6214, 40.7945



52.1800, 81.2563, 24.3981



99.6470, 5.5970, 24.8656



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.



84.3650, 27.4281, 116.3209



94.7130, 33.1725, 140.5717



72.7370, -17.1253, 126.5187



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Inverse Universe

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



84.3650, 27.4281, 116.3209



94.7130, 33.1725, 140.5717



150.2630, 17.1253, -126.5187



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 84.3650, 27.4281, 116.3209 looks on a white 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

Black Background



This preview shows how the YUV color 84.3650, 27.4281, 116.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

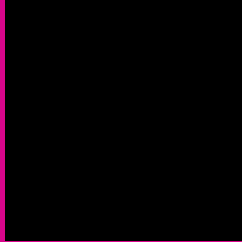
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3650, 27.4281, 116.3209

Background



This preview shows how black text looks on a background with the YUV color 84.3650, 27.4281, 116.3209.



This preview shows how white text looks on a background with the YUV color 84.3650, 27.4281,

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

84.3650, 27.4281, 116.3209

Protanopia

112.1540, 43.3081, -30.8301

Deuteranopia

116.4440, 6.6831, 3.1186



Tritanopia

102.2850, -21.8325, 96.2201

Trichromacy



Original Color

84.3650, 27.4281, 116.3209



Protanomaly

102.0020, 37.4670, 22.8002



Deuteranomaly

104.4720, 14.5573, 44.3131



Tritanomaly

95.7370, -3.8143, 103.7167

Monochromacy



Original Color

84.3650, 27.4281, 116.3209



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

84.1960, 9.7634, 41.9241

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3650, 27.4281, 116.3209 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(217, 6, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 6, 140)  
}
```

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(217, 6, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 6, 140) }
```

Border

The CSS property to change the border of an element to YUV 84.3650, 27.4281, 116.3209 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(217, 6, 140) }
```


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

```
.border{ border-color:rgb(217, 6, 140) }
```

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

Here you see how a box with a 4 pixel rgb(217, 6, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 6, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 6, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 6,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 84.3650, 27.4281, 116.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 6, 140) }
```

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

```
.background{ background-color: rgb(217, 6,  
140) }
```

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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