

Converting Colors

YUV(116.8840, 30.1302,
89.5557)

Have a look what the booklet for
YUV(116.8840, 30.1302, 89.5557)
contains.

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Color

**YUV(116.8840, 30.1302,
89.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	DB35B2
RGB	219, 53, 178
RGB Percent	86%, 21%, 70%
CMY	0.1412, 0.7922, 0.3020
CMYK	0.00, 0.76, 0.19, 0.14
HSL	315°, 70%, 53%
HSV	315°, 76%, 86%
XYZ	38.5224, 20.8206, 44.1079
YIQ	116.8840, 58.8110, 74.0670

Conversions

Conversions Part 2

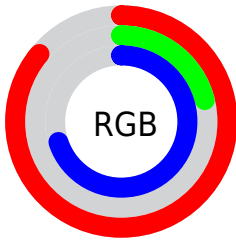
Format	Color
RYB	219, 53, 178
Decimal	14366130
CIELab	52.75, 73.68, -29.45
CIElCh	53, 79.341, 338.215
Yxy	20.8206, 0.3724, 0.2013
Android (android.graphics.Color)	4292556210 (0xFFDB35B2)
YUV	116.8840, 30.1302, 89.5557
Hunter-Lab	45.6296, 70.8452, -25.3720

Details

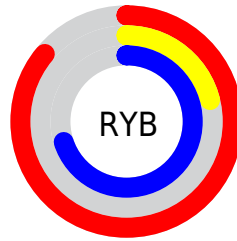
The YUV color **116.8840, 30.1302, 89.5557** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **155.1160, -30.1302, -89.5557**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0130, 31.0526, 73.6566**, and **62.0900, 31.0146, 85.8671** is the 20% darker color. If you saturate the color by 10%, you get **103.4000, 34.3128, 101.3812**, and if you desaturate by 10%, it is **130.3680, 25.9476, 77.7303**.

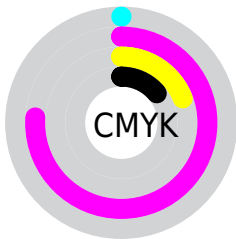
Distribution



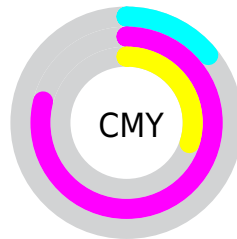
- Red (86%)
- Green (21%)
- Blue (70%)



- Red (86%)
- Yellow (21%)
- Blue (70%)



- Cyan (0%)
- Magenta (76%)
- Yellow (19%)
- Black (14%)





- Cyan (14%)
- Magenta (79%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8840, 30.1302, 89.5557 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 116.8840, 30.1302, 89.5557 by changing the saturation by 10% instead.


 116.8840, 30.1302,
89.5557

 116.8840, 30.1302,
89.5557


255.0000, 0.0000,
0.0000


 73.7250, 38.0966,
101.0962


 171.0130, 31.0526,
73.6566


 62.0900, 31.0146,
85.8671


 190.4300, 31.8330,
56.6279

 50.5690, 24.3695,
70.5380

 208.0400, 23.1513,
41.1839

 39.0480, 17.7243,
55.2089

 225.0630, 14.7589,
26.2547

 28.3530, 11.6580,
40.9094

 242.6730, 6.0772,
10.8108

 17.4730, 6.1758,
25.8952

 0.0000, 0.0000,

0.0000

■ 116.8840, 30.1302,
89.5557

■ 116.8840, 30.1302,
89.5557

■ 103.4000, 34.3128,
101.3812

■ 130.3680, 25.9476,
77.7303

■ 89.8020, 38.0586,
113.3066

■ 143.9660, 22.2018,
65.8048

■ 84.2910, 39.7895,
118.1398

■ 157.4500, 18.0192,
53.9794

■ 171.0480, 14.2733,
42.0539

■ 184.5320, 10.0907,
30.2284

■ 197.4290, 6.1975,
18.9178

■ 211.0270, 2.4517,
6.9923

■ 224.5110, -1.7309,
-4.8331

■ 238.1090, -5.4767,
-16.7586

Harmonies

Analogous

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



127.8670, 52.3236, 17.6566



116.8840, 30.1302, 89.5557



99.2850, 5.2825, 126.0381

Triad

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



116.8840, 30.1302, 89.5557



116.3870, -57.3788, 17.2006



114.2240, 46.7246, -100.1744

Complementary

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



116.8840, 30.1302, 89.5557



155.1160, -30.1302, -89.5557

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.



107.4010, 18.0433, -94.1907



116.8840, 30.1302, 89.5557



101.5710, -50.0745, -39.0888

Square

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



116.8840, 30.1302, 89.5557



117.8690, -58.1094, 65.0129



97.4320, -12.5380, -85.4479



115.2450, 68.4062, -101.0699

Rectangle

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



116.8840, 30.1302, 89.5557



108.0360, -20.7237, 113.9784



97.4320, -12.5380, -85.4479



112.5310, 37.6992, -98.6897

Sweetspot

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



116.8840, 30.1302, 89.5557



218.7710, 10.9589, 31.7728



83.5850, 66.7596, 7.3800



105.8420, 6.4869, 19.4326



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.



116.8840, 30.1302, 89.5557



112.3180, 42.2412, 125.1321



107.6500, -5.2504, 97.6540



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Inverse Universe

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



116.8840, 30.1302, 89.5557



112.3180, 42.2412, 125.1321



164.3500, 5.2505, -97.6539



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 116.8840, 30.1302, 89.5557 looks on a white background.

Color Contrast Check

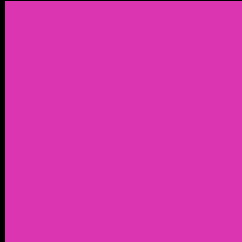
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8840, 30.1302, 89.5557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

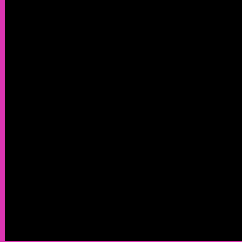
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8840, 30.1302, 89.5557

Background



This preview shows how black text looks on a background with the YUV color 116.8840, 30.1302, 89.5557.



This preview shows how white text looks on a background with the YUV color 116.8840, 30.1302, 89.5557.

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

116.8840, 30.1302, 89.5557

Protanopia

119.3230, 57.0288, -45.0103

Deuteranopia

126.6240, 20.3984, -9.3172



Tritanopia

121.8420, -16.6841, 78.1916

Trichromacy



Original Color

116.8840, 30.1302, 89.5557



Protanomaly

118.6990, 46.9834, 3.7720



Deuteranomaly

122.8810, 24.2157, 26.4144



Tritanomaly

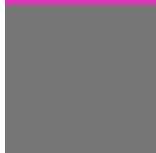
120.0440, 0.4713, 82.3994

Monochromacy



Original Color

116.8840, 30.1302, 89.5557



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.0700, 10.8115, 32.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8840, 30.1302, 89.5557 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(219, 53, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 53, 178)  
}
```

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(219, 53, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 53, 178) }
```

Border

The CSS property to change the border of an element to YUV 116.8840, 30.1302, 89.5557 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(219, 53, 178) }
```


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

```
.border{ border-color:rgb(219, 53, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 53, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 53, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 53, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 53,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 116.8840, 30.1302, 89.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 53, 178) }
```

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

```
.background{ background-color: rgb(219, 53,  
178) }
```

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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