

Converting Colors

YUV(140.9490, 24.6751,
65.8197)

Have a look what the booklet for
YUV(140.9490, 24.6751, 65.8197)
contains.

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Color

**YUV(140.9490, 24.6751,
65.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	D85DBF
RGB	216, 93, 191
RGB Percent	85%, 36%, 75%
CMY	0.1529, 0.6353, 0.2510
CMYK	0.00, 0.57, 0.12, 0.15
HSL	312°, 61%, 61%
HSV	312°, 57%, 85%
XYZ	41.6372, 26.1892, 52.1507
YIQ	140.9490, 41.8500, 56.5540

Conversions

Conversions Part 2

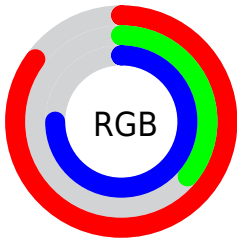
Format	Color
R _Y B	216, 93, 191
Decimal	14179775
CIE Lab	58.22, 59.84, -28.52
CIE LCh	58, 66.291, 334.516
Yxy	26.1892, 0.3470, 0.2183
Android (android.graphics.Color)	4292369855 (0xFFD85DBF)
YUV	140.9490, 24.6751, 65.8197
Hunter-Lab	51.1754, 55.6738, -24.5972

Details

The YUV color **140.9490, 24.6751, 65.8197** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **168.0510, -24.6751, -65.8197**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9800, 27.6179, 55.2685**, and **82.2310, 27.0011, 66.4494** is the 20% darker color. If you saturate the color by 10%, you get **127.5790, 29.2946, 77.5452**, and if you desaturate by 10%, it is **154.3190, 20.0557, 54.0942**.

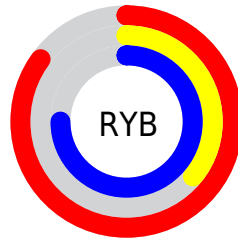
Distribution



Red (85%)

Green (36%)

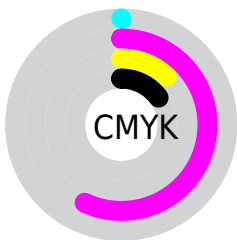
Blue (75%)



Red (85%)

Yellow (36%)

Blue (75%)

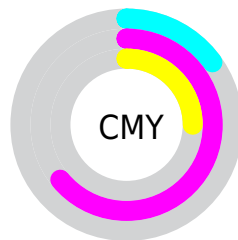


Cyan (0%)

Magenta (57%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (64%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.9490, 24.6751, 65.8197 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 140.9490, 24.6751, 65.8197 by changing the saturation by 10% instead.


 140.9490, 24.6751,
65.8197


 140.9490, 24.6751,
65.8197


255.0000, 0.0000,
0.0000


 112.7640, 25.2593,
65.1050


 191.9800, 27.6179,
55.2685


 82.2310, 27.0011,
66.4494


 209.2140, 22.5725,
40.1543


 51.6380, 29.7585,
68.7235

 226.2370, 14.1802,
25.2252

 40.7150, 22.8185,
54.6239

 243.2600, 5.7878,
10.2960

 29.9060, 16.3153,
40.4244

 19.9230, 10.3910,
27.2545

 6.2380, 5.7987,

6.8073

■ 0.0000, 0.0000,
0.0000

■ 140.9490, 24.6751,
65.8197

■ 140.9490, 24.6751,
65.8197

■ 127.5790, 29.2946,
77.5452

■ 154.3190, 20.0557,
54.0942

■ 114.6820, 33.1878,
88.8559

■ 167.2160, 16.1625,
42.7836

■ 101.3120, 37.8072,
100.5814

■ 180.5860, 11.5431,
31.0581

■ 88.4150, 41.7004,
111.8920

■ 193.4830, 7.6499,
19.7474

■ 84.1920, 43.2893,
115.5956

■ 206.8530, 3.0305,
8.0219

■ 220.2230, -1.5889,
-3.7036

■ 233.1200, -5.4822,
-15.0142

■ 240.0330, -6.9183,
-21.0769

■ 240.6030, -4.7343,
-21.5768

Harmonies

Analogous

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



142.4930, 46.0990, 7.4606



140.9490, 24.6751, 65.8197



134.0070, -0.0035, 94.7099

Triad

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



140.9490, 24.6751, 65.8197



130.0200, -64.0999, 26.2925



120.6980, 41.0679, -105.8521

Complementary

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



140.9490, 24.6751, 65.8197



168.0510, -24.6751, -65.8197

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.



114.7870, 15.8810, -100.6682



140.9490, 24.6751, 65.8197



124.0060, -46.3450, -21.9303

Square

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



140.9490, 24.6751, 65.8197



133.7100, -53.5940, 63.3983



105.5990, -9.1693, -92.6103



121.2630, 61.0023, -106.3477

Rectangle

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



140.9490, 24.6751, 65.8197



133.3710, -18.9169, 94.3906



105.5990, -9.1693, -92.6103



118.7600, 33.6423, -104.1525

Sweetspot

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



140.9490, 24.6751, 65.8197



228.7330, 8.5126, 23.0362



114.4970, 50.0410, 3.0721



112.0540, 4.9034, 13.9846



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.



140.9490, 24.6751, 65.8197



149.4590, 34.7767, 92.5595



133.9950, -1.9695, 71.9184



100.3150, 2.3097, 5.8627



66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Inverse Universe

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



140.9490, 24.6751, 65.8197



149.4590, 34.7767, 92.5595



175.0050, 1.9695, -71.9184



100.3150, 2.3097, 5.8627



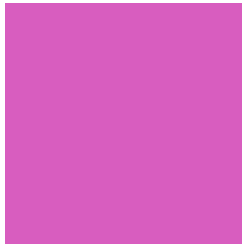
66.6330, 34.1979, 91.5299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 140.9490, 24.6751, 65.8197 looks on a white background.

Color Contrast Check

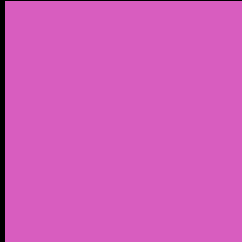
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9490, 24.6751, 65.8197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

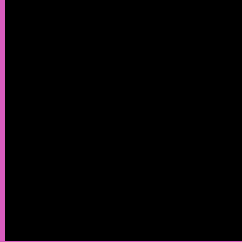
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.9490, 24.6751, 65.8197

Background



This preview shows how black text looks on a background with the YUV color 140.9490, 24.6751, 65.8197.



This preview shows how white text looks on a background with the YUV color 140.9490, 24.6751, 65.8197.

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

140.9490, 24.6751, 65.8197

Protanopia

138.2790, 43.7395, -29.1857

Deuteranopia

141.1510, 21.1246, -8.9024



Tritanopia

140.9150, -10.8041, 58.8335

Trichromacy



Original Color

140.9490, 24.6751, 65.8197



Protanomaly

139.3650, 36.7951, 4.9419



Deuteranomaly

141.3700, 22.4956, 18.0925



Tritanomaly

140.6670, 2.1362, 61.6820

Monochromacy



Original Color

140.9490, 24.6751, 65.8197



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1460, 8.8020, 23.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9490, 24.6751, 65.8197 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, 93, 191)` looks like.

```
.text, #text, p{  
    color:rgb(216, 93, 191)  
}
```

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, 93, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 93, 191) }
```

Border

The CSS property to change the border of an element to YUV 140.9490, 24.6751, 65.8197 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, 93, 191) }
```


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

```
.border{ border-color:rgb(216, 93, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 93, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 93, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 93, 191);  
box-shadow:4px 4px 4px 4px rgb(216, 93,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 140.9490, 24.6751, 65.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 93, 191) }
```

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

```
.background{ background-color: rgb(216, 93,  
191) }
```

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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