

Converting Colors

YUV(145.8310, 16.8453,
57.1532)

Have a look what the booklet for
YUV(145.8310, 16.8453, 57.1532)
contains.

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Color

**YUV(145.8310, 16.8453,
57.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	D36AB4
RGB	211, 106, 180
RGB Percent	83%, 42%, 71%
CMY	0.1725, 0.5843, 0.2941
CMYK	0.00, 0.50, 0.15, 0.17
HSL	318°, 54%, 62%
HSV	318°, 50%, 83%
XYZ	40.2562, 27.4522, 46.3571
YIQ	145.8310, 38.8260, 45.2740

Conversions

Conversions Part 2

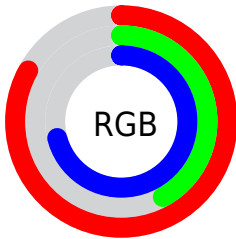
Format	Color
R _{YB}	211, 106, 180
Decimal	13855412
CIE _{Lab}	59.39, 50.53, -20.47
CIE _{LCh}	59, 54.523, 337.944
Yxy	27.4522, 0.3529, 0.2407
Android (android.graphics.Color)	4292045492 (0xFFD36AB4)
YUV	145.8310, 16.8453, 57.1532
Hunter-Lab	52.3949, 45.4547, -15.7812

Details

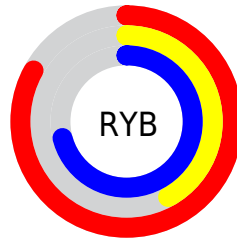
The YUV color **145.8310, 16.8453, 57.1532** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.1690, -16.8453, -57.1532**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0690, 19.1930, 50.8055**, and **91.0480, 17.7243, 55.2089** is the 20% darker color. If you saturate the color by 10%, you get **132.8200, 20.3017, 68.5639**, and if you desaturate by 10%, it is **158.8420, 13.3889, 45.7426**.

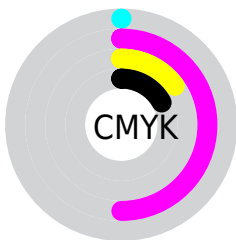
Distribution



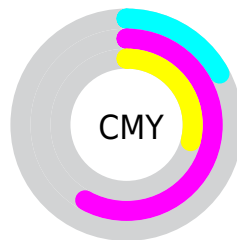
- Red (83%)
- Green (42%)
- Blue (71%)



- Red (83%)
- Yellow (42%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.8310, 16.8453, 57.1532 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 145.8310, 16.8453, 57.1532 by changing the saturation by 10% instead.


 145.8310, 16.8453,
57.1532


 145.8310, 16.8453,
57.1532


255.0000, 0.0000,
0.0000


 118.2330, 17.1401,
55.9237


 197.0690, 19.1930,
50.8055


 91.0480, 17.7243,
55.2089


 215.6710, 19.3892,
34.4915

 62.2160, 19.6135,
55.9386

 232.6940, 10.9969,
19.5624

 38.4930, 19.4770,
53.0646

 249.7170, 2.6045,
4.6332

 28.0970, 13.2632,
39.3799

 18.8260, 7.4808,
27.3396

 3.6740, 1.1467,

5.5479

■ 0.0000, 0.0000,
0.0000

■ 145.8310, 16.8453,
57.1532

■ 145.8310, 16.8453,
57.1532

■ 132.8200, 20.3017,
68.5639

■ 158.8420, 13.3889,
45.7426

■ 119.8090, 23.7582,
79.9745

■ 171.8530, 9.9325,
34.3319

■ 106.6840, 26.7778,
91.4851

■ 184.9780, 6.9128,
22.8213

■ 93.6730, 30.2342,
102.8958

■ 197.9890, 3.4564,
11.4106

■ 80.6620, 33.6906,
114.3064

■ 211.5870, -0.2894,
-0.5148

■ 80.0750, 33.9800,
114.8212

■ 224.5980, -3.7458,
-11.9254

■ 237.7230, -6.7654,
-23.4361

■ 238.9940, -4.4340,
-24.5507

■ 239.6780, -1.8133,
-25.1506

Harmonies

Analogous

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



146.7790, 35.6050, 13.3488



145.8310, 16.8453, 57.1532



141.9310, -4.8960, 77.2365

Triad

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



145.8310, 16.8453, 57.1532



136.5040, -48.0695, 17.9750



119.7690, 40.0469, -105.0374

Complementary

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



145.8310, 16.8453, 57.1532



171.1690, -16.8453, -57.1532

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.



115.1120, 19.6648, -100.9532



145.8310, 16.8453, 57.1532



131.0350, -33.5413, -21.9557

Square

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



145.8310, 16.8453, 57.1532



139.8530, -43.8045, 50.1179



108.2380, -1.5963, -94.9247



119.0800, 55.1766, -104.4332

Rectangle

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



145.8310, 16.8453, 57.1532



141.0330, -19.7363, 77.1471



108.2380, -1.5963, -94.9247



118.7600, 33.6423, -104.1525

Sweetspot

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



145.8310, 16.8453, 57.1532



231.4400, 6.1921, 20.6621



126.9400, 41.4416, 7.9456



113.7010, 3.5984, 12.5402



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.



145.8310, 16.8453, 57.1532



160.0590, 24.6209, 83.2633



140.0170, -5.4314, 62.2521



98.0870, 1.4361, 6.0627



63.7980, 27.2146, 91.3852



15.5650, 6.6235, 22.3065

Inverse Universe

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



145.8310, 16.8453, 57.1532



160.0590, 24.6209, 83.2633



176.9830, 5.4314, -62.2521



98.0870, 1.4361, 6.0627



63.7980, 27.2146, 91.3852



15.5650, 6.6235, 22.3065

Previews

White Background



This preview shows how the YUV color 145.8310, 16.8453, 57.1532 looks on a white background.

Color Contrast Check

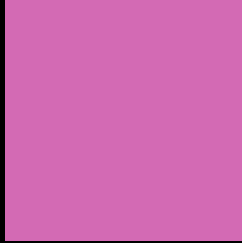
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8310, 16.8453, 57.1532 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 145.8310, 16.8453, 57.1532 Background



This preview shows how black text looks on a background with the YUV color 145.8310, 16.8453, 57.1532.



This preview shows how white text looks on a background with the YUV color 145.8310, 16.8453,

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

145.8310, 16.8453, 57.1532

Protanopia

143.0280, 31.0452, -17.5646

Deuteranopia

144.4740, 14.5563, -2.1697



Tritanopia

144.9250, -9.3300, 52.6858

Trichromacy



Original Color

145.8310, 16.8453, 57.1532

Protanomaly

143.9390, 26.1591, 9.7005

Deuteranomaly

145.1330, 15.2174, 19.1774

Tritanomaly

145.4550, 0.2687, 53.9750

Monochromacy



Original Color

145.8310, 16.8453, 57.1532

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7390, 6.0447, 21.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8310, 16.8453, 57.1532 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(211, 106, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 106, 180)  
}
```

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(211, 106, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 106, 180) }
```

Border

The CSS property to change the border of an element to YUV 145.8310, 16.8453, 57.1532 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(211, 106, 180) }
```


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

```
.border{ border-color:rgb(211, 106, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 106, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 106, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 106, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 106,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 145.8310, 16.8453, 57.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 106, 180) }
```

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

```
.background{ background-color: rgb(211,  
106, 180) }
```

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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