

Converting Colors

YUV(183.1670, 17.1727,
45.4575)

Have a look what the booklet for
YUV(183.1670, 17.1727, 45.4575)
contains.

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Color

**YUV(183.1670, 17.1727,
45.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	EB96DA
RGB	235, 150, 218
RGB Percent	92%, 59%, 85%
CMY	0.0784, 0.4118, 0.1451
CMYK	0.00, 0.36, 0.07, 0.08
HSL	312°, 68%, 75%
HSV	312°, 36%, 92%
XYZ	57.8222, 44.5368, 71.8786
YIQ	183.1670, 28.8320, 39.1680

Conversions

Conversions Part 2

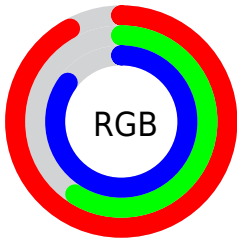
Format	Color
R _Y B	235, 150, 218
Decimal	15439578
CIE Lab	72.59, 41.83, -21.41
CIE LCh	73, 46.990, 332.894
Yxy	44.5368, 0.3319, 0.2556
Android (android.graphics.Color)	4293629658 (0xFFEB96DA)
YUV	183.1670, 17.1727, 45.4575
Hunter-Lab	66.7359, 37.8704, -17.1437

Details

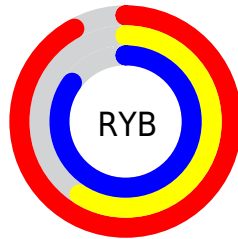
The YUV color **183.1670, 17.1727, 45.4575** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **201.8330, -17.1727, -45.4575**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6500, 14.4696, 25.7400**, and **128.7430, 16.8887, 43.1984** is the 20% darker color. If you saturate the color by 10%, you get **168.5090, 21.9341, 58.3126**, and if you desaturate by 10%, it is **197.8250, 12.4113, 32.6025**.

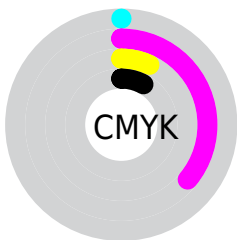
Distribution



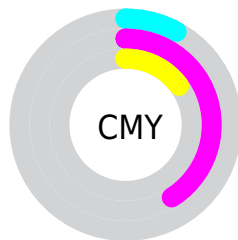
- Red (92%)
- Green (59%)
- Blue (85%)



- Red (92%)
- Yellow (59%)
- Blue (85%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (8%)





- Cyan (8%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.1670, 17.1727, 45.4575 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 183.1670, 17.1727, 45.4575 by changing the saturation by 10% instead.

 183.1670, 17.1727,
45.4575

 183.1670, 17.1727,
45.4575


255.0000, 0.0000,
0.0000


 155.4550, 17.0307,
44.3280


 225.6500, 14.4696,
25.7400


 128.7430, 16.8887,
43.1984

 242.6730, 6.0772,
10.8108

 102.7320, 16.8941,
41.4540

 76.4330, 17.0415,
40.8393

 49.9600, 17.7677,
41.2541

 28.4110, 17.0524,
37.3506

 19.0260, 10.8332,

25.4102

■ 6.6510, 6.0881,
7.3221

■ 0.0000, 0.0000,
0.0000

■ 183.1670, 17.1727,
45.4575

■ 183.1670, 17.1727,
45.4575

■ 168.5090, 21.9341,
58.3126

■ 197.8250, 12.4113,
32.6025

■ 154.5520, 26.8429,
70.5529

■ 211.7820, 7.5025,
20.3622

■ 139.8940, 31.6043,
83.4080

■ 226.4400, 2.7411,
7.5071

■ 125.8230, 36.0763,
95.7482

■ 240.5110, -1.7309,
-4.8331

■ 111.7520, 40.5483,
108.0885

■ 247.5380, -2.7302,
-10.9958

■ 97.2080, 45.7465,
120.8436

■ 247.9940, -0.9830,
-11.3957

■ 91.6970, 47.4774,
125.6767

■ 248.5640, 1.2009,
-11.8956

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



181.2680, 33.8849, 5.0270



183.1670, 17.1727, 45.4575



180.2500, -2.0952, 65.5558

Triad

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



183.1670, 17.1727, 45.4575



174.2580, -41.5392, 23.4527



142.2350, 39.8171, -124.7401

Complementary

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



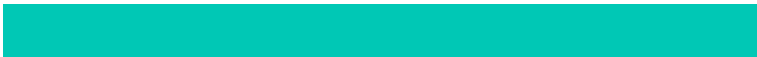
183.1670, 17.1727, 45.4575



201.8330, -17.1727, -45.4575

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.



138.0340, 21.1822, -121.0558



183.1670, 17.1727, 45.4575



169.4430, -32.2634, -11.7895

Square

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



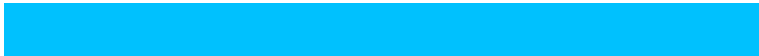
183.1670, 17.1727, 45.4575



177.2860, -37.1160, 51.4922



161.4560, -12.0568, -53.0199



142.2470, 55.0942, -124.7506

Rectangle

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



183.1670, 17.1727, 45.4575



178.1180, -15.3412, 67.4255



161.4560, -12.0568, -53.0199



141.3400, 33.8494, -123.9552

Sweetspot

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



183.1670, 17.1727, 45.4575



237.8800, 5.4822, 15.0142



164.7730, 34.6219, 1.9531



117.5650, 3.1725, 9.1515



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.



183.1670, 17.1727, 45.4575



187.9220, 22.2235, 58.8274



178.3790, -1.1728, 49.6566



110.3150, 2.3097, 5.8627



70.6490, 36.6550, 96.7778



21.0480, 10.8223, 28.8989

Inverse Universe

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



183.1670, 17.1727, 45.4575



187.9220, 22.2235, 58.8274



206.7350, 1.6096, -49.7566



110.3150, 2.3097, 5.8627



70.6490, 36.6550, 96.7778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 183.1670, 17.1727, 45.4575 looks on a white background.

Color Contrast Check

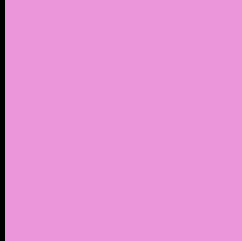
Large Text (above 18pt) WCAG AA × Fail

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 183.1670, 17.1727, 45.4575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

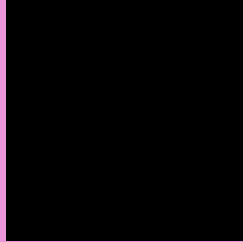
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.1670, 17.1727, 45.4575

Background



This preview shows how black text looks on a background with the YUV color 183.1670, 17.1727, 45.4575.



This preview shows how white text looks on a background with the YUV color 183.1670, 17.1727,

45.4575.

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

183.1670, 17.1727, 45.4575

Protanopia

178.7680, 28.7084, -14.7055

Deuteranopia

179.7560, 16.8823, -1.5400



Tritanopia

181.2980, -5.0769, 41.8347

Trichromacy



Original Color

183.1670, 17.1727, 45.4575



Protanomaly

180.7600, 24.2753, 7.2265



Deuteranomaly

180.8660, 16.8281, 15.9035



Tritanomaly

182.0730, 2.9220, 42.9090

Monochromacy



Original Color

183.1670, 17.1727, 45.4575



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.1670, 17.1727, 45.4575 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(235, 150, 218)` looks like.

```
.text, #text, p{  
    color:rgb(235, 150, 218)  
}
```

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(235, 150, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 150, 218) }
```

Border

The CSS property to change the border of an element to YUV 183.1670, 17.1727, 45.4575 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(235, 150, 218) }
```


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

```
.border{ border-color:rgb(235, 150, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 150, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 150, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 150, 218); box-shadow:4px 4px 4px 4px rgb(235, 150, 218) }
```

Background

The CSS property to change the background color of an element to YUV 183.1670, 17.1727, 45.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 150, 218) }
```

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

```
.background{ background-color: rgb(235,  
150, 218) }
```

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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