

Converting Colors

YUV(145.6580, 46.0176,
33.6259)

Have a look what the booklet for
YUV(145.6580, 46.0176, 33.6259)
contains.

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Color

**YUV(145.6580, 46.0176,
33.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	B86CEF
RGB	184, 108, 239
RGB Percent	72%, 42%, 94%
CMY	0.2784, 0.5765, 0.0627
CMYK	0.23, 0.55, 0.00, 0.06
HSL	275°, 80%, 68%
HSV	275°, 55%, 94%
XYZ	40.7097, 27.1475, 84.7557
YIQ	145.6580, 3.2450, 56.8530

Conversions

Conversions Part 2

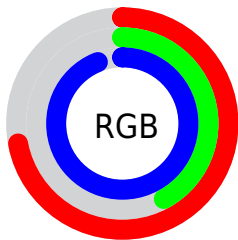
Format	Color
RYB	184, 108, 239
Decimal	12086511
CIELab	59.11, 53.14, -54.48
CIELCh	59, 76.106, 314.291
Yxy	27.1475, 0.2668, 0.1779
Android (android.graphics.Color)	4290276591 (0xFFB86CEF)
YUV	145.6580, 46.0176, 33.6259
Hunter-Lab	52.1032, 48.2864, -59.9741

Details

The YUV color **145.6580, 46.0176, 33.6259** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **201.3420, -46.0176, -33.6259**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8210, 28.6822, 40.4990**, and **91.5930, 44.5707, 31.0519** is the 20% darker color. If you saturate the color by 10%, you get **128.5800, 54.4371, 39.8333**, and if you desaturate by 10%, it is **162.7360, 37.5982, 27.4185**.

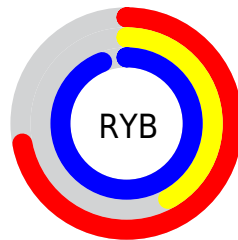
Distribution



Red (72%)

Green (42%)

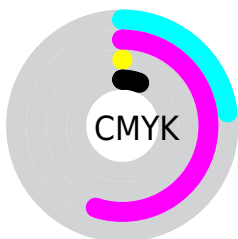
Blue (94%)



Red (72%)

Yellow (42%)

Blue (94%)

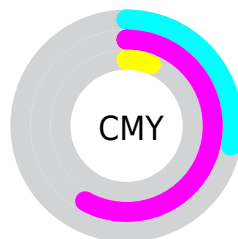


Cyan (23%)

Magenta (55%)

Yellow (0%)

Black (6%)



Cyan (28%)


Magenta (58%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.6580, 46.0176, 33.6259 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 145.6580, 46.0176, 33.6259 by changing the saturation by 10% instead.


 145.6580, 46.0176,
33.6259


 145.6580, 46.0176,
33.6259


255.0000, 0.0000,
0.0000


 118.4190, 45.1494,
32.0815


 196.8210, 28.6822,
40.4990

 91.5930, 44.5707,
31.0519


 216.8450, 18.8104,
33.4619


 64.0060, 44.8600,
31.5667

 233.2810, 10.7075,
19.0476

 36.1200, 45.2968,
31.4668

 250.3040, 2.3151,
4.1184

 24.4850, 38.2149,
16.2377

 13.6760, 31.7117,
2.0381

 6.1560, 23.5871,

-5.3988

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 145.6580, 46.0176,
33.6259

■ 145.6580, 46.0176,
33.6259

■ 128.5800, 54.4371,
39.8333

■ 162.7360, 37.5982,
27.4185

■ 111.5020, 62.8565,
46.0407

■ 179.8140, 29.1787,
21.2111

■ 94.4240, 71.2760,
52.2482

■ 196.8920, 20.7592,
15.0037

■ 77.3460, 79.6954,
58.4556

■ 213.9700, 12.3398,
8.7963

68.8070, 83.9051,
61.5593

230.4610, 4.2097,
3.1037

247.5390, -4.2097,
-3.1037

252.8770, -6.8414,
0.9849

253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



114.5390, 69.2473, -90.8037



145.6580, 46.0176, 33.6259



136.0280, 21.6782, 93.8144

Triad

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



145.6580, 46.0176, 33.6259



133.7620, -65.9447, 58.0907



120.6860, 25.7908, -105.8416

Complementary

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



145.6580, 46.0176, 33.6259



201.3420, -46.0176, -33.6259

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.



111.6460, -3.7695, -97.9135



145.6580, 46.0176, 33.6259



129.9210, -64.0511, 10.5933

Square

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



145.6580, 46.0176, 33.6259



133.2360, -41.0353, 95.3860



116.5570, -42.1796, -51.3545



126.5800, 53.4511, -111.0107

Rectangle

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



145.6580, 46.0176, 33.6259



128.7300, 3.5841, 110.7388



116.5570, -42.1796, -51.3545



118.0640, 15.7444, -103.5421

Sweetspot

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



145.6580, 46.0176, 33.6259



225.8500, 14.3710, 10.6556



156.3930, 40.7253, -42.4407



110.0360, 8.8563, 6.1074



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.



145.6580, 46.0176, 33.6259



135.1550, 59.0836, 42.8371



161.0770, 33.9790, 68.3385



111.4610, 4.2097, 3.1037



52.9690, 64.5983, 47.3852



16.2510, 19.5963, 14.6889

Inverse Universe

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



153.4390, 4.7136, 75.0370



145.2120, 5.8115, 96.2841



185.9230, -33.9790, -68.3385



112.1580, 0.4151, 6.8774



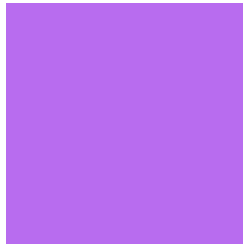
63.7940, 6.5106, 105.4207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 145.6580, 46.0176, 33.6259 looks on a white background.

Color Contrast Check

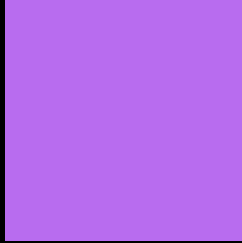
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6580, 46.0176, 33.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

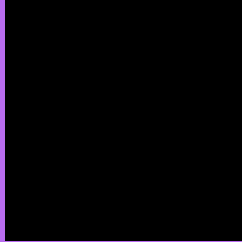
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.6580, 46.0176, 33.6259

Background



This preview shows how black text looks on a background with the YUV color 145.6580, 46.0176, 33.6259.



This preview shows how white text looks on a background with the YUV color 145.6580, 46.0176, 33.6259.

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

145.6580, 46.0176, 33.6259

Protanopia

136.3770, 58.4811, -44.1806

Deuteranopia

136.4020, 47.1298, -43.3256



Tritanopia

144.6050, -0.7913, 20.5174

Trichromacy



Original Color

145.6580, 46.0176, 33.6259



Protanomaly

140.0000, 53.7370, -15.7860



Deuteranomaly

139.5780, 47.0430, -15.4159



Tritanomaly

145.1060, 16.2167, 25.3400

Monochromacy



Original Color

145.6580, 46.0176, 33.6259



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.8440, 16.8389, 12.4148

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6580, 46.0176, 33.6259 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(184, 108, 239)` looks like.

```
.text, #text, p{  
    color:rgb(184, 108, 239)  
}
```

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(184, 108, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 108, 239) }
```

Border

The CSS property to change the border of an element to YUV 145.6580, 46.0176, 33.6259 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(184, 108, 239) }
```


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

```
.border{ border-color:rgb(184, 108, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 108, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 108, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 108, 239);  
box-shadow:4px 4px 4px 4px rgb(184, 108,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 145.6580, 46.0176, 33.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 108, 239) }
```

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

```
.background{ background-color: rgb(184,  
108, 239) }
```

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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