

Converting Colors

YUV(180.2320, 35.3816,
38.3845)

Have a look what the booklet for
YUV(180.2320, 35.3816, 38.3845)
contains.

YUV(180.2320, 35.3816, 38.3845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.2320, 35.3816,
38.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	E090FC
RGB	224, 144, 252
RGB Percent	88%, 56%, 99%
CMY	0.1216, 0.4353, 0.0118
CMYK	0.11, 0.43, 0.00, 0.01
HSL	284°, 95%, 78%
HSV	284°, 43%, 99%
XYZ	58.2844, 42.8221, 97.2890
YIQ	180.2320, 13.0120, 50.5480

Conversions

Conversions Part 2

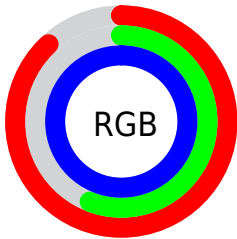
Format	Color
R _Y B	224, 144, 252
Decimal	14717180
CIE Lab	71.43, 47.92, -41.88
CIE LCh	71, 63.644, 318.844
Yxy	42.8221, 0.2938, 0.2158
Android (android.graphics.Color)	4292907260 (0xFFE090FC)
YUV	180.2320, 35.3816, 38.3845
Hunter-Lab	65.4386, 44.4677, -42.3408

Details

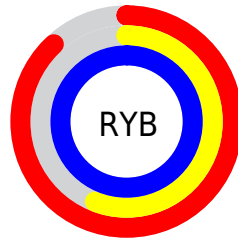
The YUV color **180.2320, 35.3816, 38.3845** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **215.7680, -35.3816, -38.3845**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1280, 16.2059, 28.8287**, and **125.5800, 34.2241, 36.3253** is the 20% darker color. If you saturate the color by 10%, you get **163.4640, 43.6482, 46.9511**, and if you desaturate by 10%, it is **197.0000, 27.1150, 29.8180**.

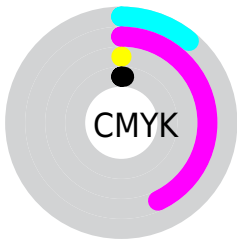
Distribution



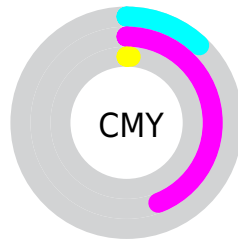
- Red (88%)
- Green (56%)
- Blue (99%)



- Red (88%)
- Yellow (56%)
- Blue (99%)



- Cyan (11%)
- Magenta (43%)
- Yellow (0%)
- Black (1%)





- Cyan (12%)
- Magenta (44%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 180.2320, 35.3816, 38.3845 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 180.2320, 35.3816, 38.3845 by changing the saturation by 10% instead.


 180.2320, 35.3816,
38.3845


 180.2320, 35.3816,
38.3845


255.0000, 0.0000,
0.0000

 152.4060, 34.8028,
37.3549


 222.1280, 16.2059,
28.8287

 125.5800, 34.2241,
36.3253

 239.1510, 7.8136,
13.8996

 98.7540, 33.6453,
35.2957

 72.4550, 33.7927,
34.6810

 43.5200, 35.2396,
37.2550

 28.2000, 30.4674,
27.8886

 18.5870, 23.3746,

16.1482

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 180.2320, 35.3816,
38.3845

■ 180.2320, 35.3816,
38.3845

■ 163.4640, 43.6482,
46.9511

■ 197.0000, 27.1150,
29.8180

■ 146.9950, 51.7675,
56.1324

■ 213.4690, 18.9958,
20.6367

■ 129.6400, 60.3235,
65.2137

■ 230.8240, 10.4398,
11.5554

■ 113.1710, 68.4427,
74.3950

■ 247.2930, 2.3206,
2.3740

■ 96.4030, 76.7093, 254.6580, -1.3104,
82.9616 0.2999

■ 84.6410, 82.5080,
89.7688

Harmonies

Analogous

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



168.6490, 42.5710, -27.7562



180.2320, 35.3816, 38.3845



171.7190, 13.4495, 73.0374

Triad

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



180.2320, 35.3816, 38.3845



169.4000, -56.8922, 47.8842



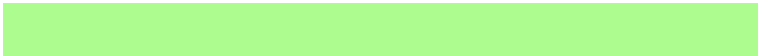
143.2150, 33.4180, -125.5996

Complementary

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



180.2320, 35.3816, 38.3845



215.7680, -35.3816, -38.3845

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.



135.7880, 7.4995, -119.0861



180.2320, 35.3816, 38.3845



164.8200, -54.1413, 5.4199

Square

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



180.2320, 35.3816, 38.3845



169.1580, -39.5179, 75.2834



155.4940, -29.8235, -47.7912



145.8830, 53.7947, -127.9394

Rectangle

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



180.2320, 35.3816, 38.3845



165.5120, -2.7174, 78.4810



155.4940, -29.8235, -47.7912



140.9350, 24.6820, -123.6000

Sweetspot

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



180.2320, 35.3816, 38.3845



232.9380, 10.8766, 11.4554



173.3350, 38.7818, -25.7268



113.8790, 6.9617, 7.1221



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.



180.2320, 35.3816, 38.3845



168.5240, 42.6327, 46.0215



185.7540, 20.3343, 58.0977



116.4720, 4.2043, 4.8481



63.4060, 61.9178, 67.1729



20.4090, 20.0114, 21.5663

Inverse Universe

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



179.4840, -3.6896, 63.5965



167.7460, -4.3118, 76.5218



210.2460, -20.3343, -58.0977



116.3430, -0.1691, 7.5922



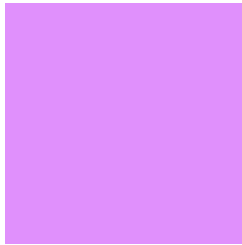
62.0970, -6.4568, 111.2939



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 180.2320, 35.3816, 38.3845 looks on a white background.

Color Contrast Check

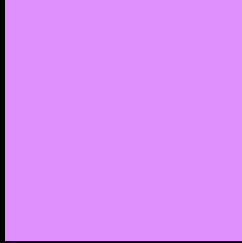
Large Text (above 18pt) WCAG AA × Fail

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 180.2320, 35.3816, 38.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

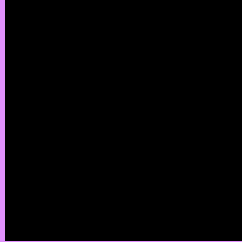
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.2320, 35.3816, 38.3845

Background



This preview shows how black text looks on a background with the YUV color 180.2320, 35.3816, 38.3845.



This preview shows how white text looks on a background with the YUV color 180.2320, 35.3816,

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

180.2320, 35.3816, 38.3845

Protanopia

174.5740, 39.6500, -24.1824

Deuteranopia

174.4450, 35.2766, -21.4383



Tritanopia

178.0300, -1.9868, 30.6687

Trichromacy



Original Color

180.2320, 35.3816, 38.3845



Protanomaly

176.3750, 38.2691, -1.2059



Deuteranomaly

176.2890, 35.3535, 0.6235

Tritanomaly

178.8960, 11.3903, 33.4172

Monochromacy



Original Color

180.2320, 35.3816, 38.3845



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.1170, 12.7603, 13.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2320, 35.3816, 38.3845 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(224, 144, 252)` looks like.

```
.text, #text, p{  
    color:rgb(224, 144, 252)  
}
```

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(224, 144, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 144, 252) }
```

Border

The CSS property to change the border of an element to YUV 180.2320, 35.3816, 38.3845 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(224, 144, 252) }
```


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

```
.border{ border-color:rgb(224, 144, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 144, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 144, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 144, 252);  
box-shadow:4px 4px 4px 4px rgb(224, 144,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 180.2320, 35.3816, 38.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 144, 252) }
```

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

```
.background{ background-color: rgb(224,  
144, 252) }
```

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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