

Converting Colors

YUV(178.0450, 35.4738, 8.7305)

Have a look what the booklet for
YUV(178.0450, 35.4738, 8.7305)
contains.

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Color

**YUV(178.0450, 35.4738,
8.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9FFA
RGB	188, 159, 250
RGB Percent	74%, 62%, 98%
CMY	0.2627, 0.3765, 0.0196
CMYK	0.25, 0.36, 0.00, 0.02
HSL	259°, 90%, 80%
HSV	259°, 36%, 98%
XYZ	50.3925, 42.3898, 95.9686
YIQ	178.0450, -11.9270, 34.4490

Conversions

Conversions Part 2

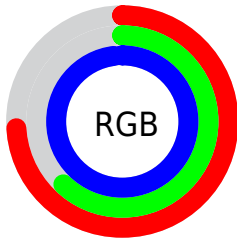
Format	Color
RYB	188, 159, 250
Decimal	12361722
CIELab	71.14, 29.08, -41.52
CIELCh	71, 50.691, 305.010
Yxy	42.3898, 0.2670, 0.2246
Android (android.graphics.Color)	4290551802 (0xFFBC9FFA)
YUV	178.0450, 35.4738, 8.7305
Hunter-Lab	65.1074, 24.2192, -41.8185

Details

The YUV color **178.0450, 35.4738, 8.7305** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **230.9550, -35.4738, -8.7305**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2420, 13.1917, 15.5738**, and **124.5780, 33.7320, 7.3861** is the 20% darker color. If you saturate the color by 10%, you get **158.2870, 45.2145, 11.1493**, and if you desaturate by 10%, it is **197.8030, 25.7331, 6.3118**.

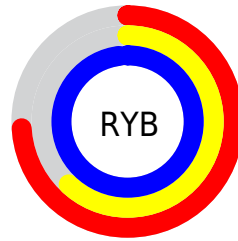
Distribution



Red (74%)

Green (62%)

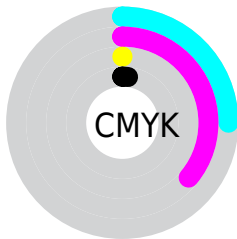
Blue (98%)



Red (74%)

Yellow (62%)

Blue (98%)

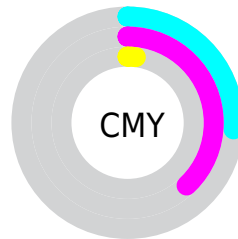


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0450, 35.4738, 8.7305 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 178.0450, 35.4738, 8.7305 by changing the saturation by 10% instead.

178.0450, 35.4738,
8.7305

178.0450, 35.4738,
8.7305

255.0000, 0.0000,
0.0000

151.1050, 34.4582,
7.8009

228.2420, 13.1917,
15.5738

124.5780, 33.7320,
7.3861

247.3690, 3.7621,
6.6924

99.3390, 32.8639,
5.8417

74.3990, 31.8483,
4.9121

50.7470, 30.6907,
2.8529

26.6110, 30.2648,
-0.5358

7.8940, 27.6603,

-5.1690

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 178.0450, 35.4738,
8.7305

■ 178.0450, 35.4738,
8.7305

■ 158.2870, 45.2145,
11.1493

■ 197.8030, 25.7331,
6.3118

■ 138.5290, 54.9552,
13.5681

■ 217.5610, 15.9924,
3.8930

■ 118.7710, 64.6959,
15.9868

■ 237.3190, 6.2517,
1.4742

■ 99.0130, 74.4366,
18.4056

■ 254.4300, -2.1840,
0.4999

■ 79.2550, 84.1773,
20.8244

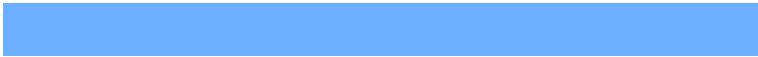
■ 59.4970, 93.9180,
23.2431

■ 52.4200, 97.4069,
24.1877

Harmonies

Analogous

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



164.9730, 44.3833, -49.0883



178.0450, 35.4738, 8.7305



178.9120, 17.2984, 51.8202

Triad

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



178.0450, 35.4738, 8.7305



172.6730, -40.7578, 52.9068



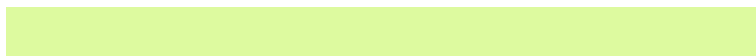
136.8600, 21.7610, -120.0262

Complementary

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



178.0450, 35.4738, 8.7305



230.9550, -35.4738, -8.7305

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.



154.4440, -10.5719, -62.6564



178.0450, 35.4738, 8.7305



169.1500, -44.4440, 21.7934

Square

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



178.0450, 35.4738, 8.7305



173.7350, -24.5194, 71.2694



164.3670, -33.7049, -16.1079



140.8160, 41.9957, -123.4956

Rectangle

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



178.0450, 35.4738, 8.7305



177.0530, 3.4249, 68.3595



164.3670, -33.7049, -16.1079



134.4490, 15.0616, -117.9118

Sweetspot

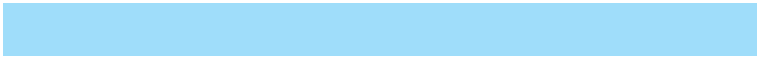
The Sweet Spot groups the original color and five complimentary colors.



178.0450, 35.4738, 8.7305



232.8830, 10.9037, 2.7336



205.7680, 21.8064, -41.0155



114.4330, 6.6885, 1.3743



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.



178.0450, 35.4738, 8.7305



166.5320, 43.6147, 10.9344



191.5000, 28.8405, 36.3955



114.6780, 5.0887, 1.1594



39.4860, 73.7104, 17.9908



12.9340, 23.6965, 6.1969

Inverse Universe

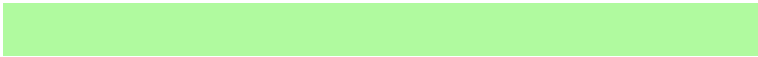
The Inverse Universe completely reimagines the original color for something new.



193.2770, 13.6674, 49.7461



185.1520, 16.6871, 61.2567



217.5000, -28.8405, -36.3955



116.9130, 2.0149, 7.0923



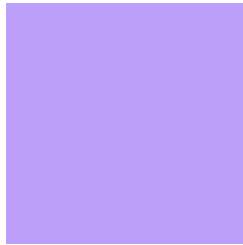
71.2170, 28.4870, 103.2957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 178.0450, 35.4738, 8.7305 looks on a white background.

Color Contrast Check

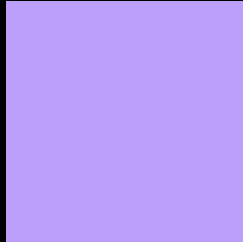
Large Text (above 18pt) WCAG AA × Fail

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 178.0450, 35.4738, 8.7305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

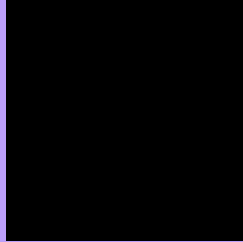
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.0450, 35.4738, 8.7305

Background



This preview shows how black text looks on a background with the YUV color 178.0450, 35.4738, 8.7305.



This preview shows how white text looks on a background with the YUV color 178.0450, 35.4738,

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

178.0450, 35.4738, 8.7305

Protanopia

173.1010, 40.3762, -23.7676

Deuteranopia

173.0750, 36.4450, -22.8678



Tritanopia

174.7920, 5.5255, 1.0594

Trichromacy



Original Color

178.0450, 35.4738, 8.7305

Protanomaly

175.0100, 38.4491, -12.2868

Deuteranomaly

174.7390, 36.1177, -11.1721

Tritanomaly

175.6750, 16.4292, 3.7930

Monochromacy



Original Color

178.0450, 35.4738, 8.7305

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0510, 12.7929, 3.4633

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0450, 35.4738, 8.7305 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(188, 159, 250)` looks like.

```
.text, #text, p{  
    color:rgb(188, 159, 250)  
}
```

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(188, 159, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 159, 250) }
```

Border

The CSS property to change the border of an element to YUV 178.0450, 35.4738, 8.7305 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(188, 159, 250) }
```


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

```
.border{ border-color:rgb(188, 159, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 159, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 159, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 159, 250);  
box-shadow:4px 4px 4px 4px rgb(188, 159,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 178.0450, 35.4738, 8.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 159, 250) }
```

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

```
.background{ background-color: rgb(188,  
159, 250) }
```

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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