

Converting Colors

YUV(173.7510, 38.0838,
11.6194)

Have a look what the booklet for
YUV(173.7510, 38.0838, 11.6194)
contains.

YUV(173.7510, 38.0838, 11.6194)	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(173.7510, 38.0838,
11.6194)**

Conversions

Conversions Part 1

Format	Color
Hex	BB98FB
RGB	187, 152, 251
RGB Percent	73%, 60%, 98%
CMY	0.2667, 0.4039, 0.0157
CMYK	0.25, 0.39, 0.00, 0.02
HSL	261°, 93%, 79%
HSV	261°, 39%, 98%
XYZ	49.1343, 39.9863, 96.3953
YIQ	173.7510, -10.9190, 38.2090

Conversions

Conversions Part 2

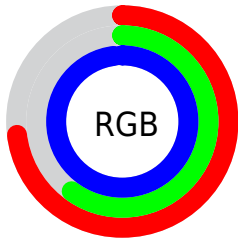
Format	Color
RYB	187, 152, 251
Decimal	12294395
CIELab	69.46, 32.92, -44.70
CIELCh	69, 55.514, 306.375
Yxy	39.9863, 0.2649, 0.2155
Android (android.graphics.Color)	4290484475 (0xFFBB98FB)
YUV	173.7510, 38.0838, 11.6194
Hunter-Lab	63.2347, 28.0364, -46.1176

Details

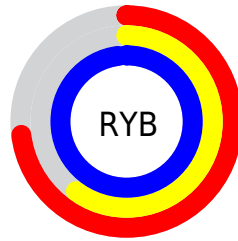
The YUV color **173.7510, 38.0838, 11.6194** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **229.2490, -38.0838, -11.6194**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8340, 15.3648, 18.5626**, and **120.2840, 36.3420, 10.2749** is the 20% darker color. If you saturate the color by 10%, you get **154.2920, 47.6770, 14.6529**, and if you desaturate by 10%, it is **193.2100, 28.4905, 8.5858**.

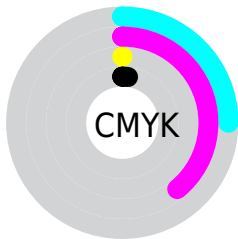
Distribution



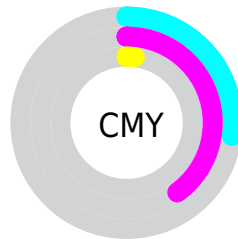
- Red (73%)
- Green (60%)
- Blue (98%)



- Red (73%)
- Yellow (60%)
- Blue (98%)



- Cyan (25%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)





- Cyan (27%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.7510, 38.0838, 11.6194 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 173.7510, 38.0838, 11.6194 by changing the saturation by 10% instead.


 173.7510, 38.0838,
11.6194

 173.7510, 38.0838,
11.6194


255.0000, 0.0000,
0.0000


 146.8110, 37.0682,
10.6898


 223.8340, 15.3648,
18.5626


 120.2840, 36.3420,
10.2749

 243.2600, 5.7878,
10.2960

 94.9310, 35.0370,
8.8305

 70.3930, 34.3163,
6.6713

 45.8550, 33.5955,
4.5122

 21.4200, 33.3169,
0.5087

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 173.7510, 38.0838,
11.6194

■ 173.7510, 38.0838,
11.6194

■ 154.2920, 47.6770,
14.6529

■ 193.2100, 28.4905,
8.5858

■ 134.8330, 57.2703,
17.6865

■ 212.6690, 18.8972,
5.5523

■ 115.0750, 67.0110,
20.1052

■ 232.4270, 9.1565,
3.1335

■ 95.6160, 76.6043,
23.1388

■ 251.8860, -0.4368,
0.1000

■ 76.1570, 86.1976,
26.1723

254.5440, -1.7472,
0.3999

■ 56.1110, 96.0803,
29.7207

■ 55.2250, 96.5171,
29.6207

Harmonies

Analogous

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



158.7380, 47.4572, -55.0212



173.7510, 38.0838, 11.6194



173.8850, 18.2977, 57.9829

Triad

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



173.7510, 38.0838, 11.6194



166.6580, -44.6944, 55.5509



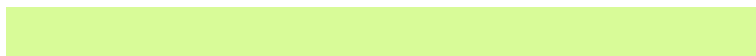
134.8710, 21.7556, -118.2819

Complementary

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



173.7510, 38.0838, 11.6194



229.2490, -38.0838, -11.6194

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.



144.2250, -8.4919, -76.4963



173.7510, 38.0838, 11.6194



163.2980, -48.9539, 21.6637

Square

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



173.7510, 38.0838, 11.6194



167.7850, -27.0090, 76.4876



158.0630, -36.0201, -20.2263



139.2830, 43.7375, -122.1512

Rectangle

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



173.7510, 38.0838, 11.6194



170.4990, 3.6980, 74.1074



158.0630, -36.0201, -20.2263



132.3460, 14.6194, -116.0674

Sweetspot

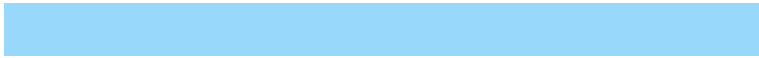
The Sweet Spot groups the original color and five complimentary colors.



173.7510, 38.0838, 11.6194



230.8230, 11.9193, 3.6632



200.8540, 24.7220, -42.8450



113.8460, 6.9779, 1.8891



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.



173.7510, 38.0838, 11.6194



161.5370, 46.0773, 14.4381



188.4020, 30.8608, 41.7434



114.9770, 4.9413, 1.7742



41.5790, 72.6786, 22.2942



13.5320, 23.4017, 7.4264

Inverse Universe

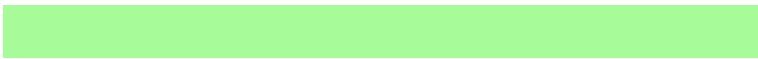
The Inverse Universe completely reimagines the original color for something new.



188.8970, 13.3618, 54.4643



179.7720, 16.3814, 65.9750



214.5980, -30.8608, -41.7434



116.9130, 2.0149, 7.0923



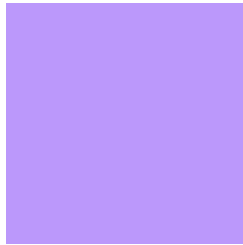
70.4190, 25.4294, 103.9955



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 173.7510, 38.0838, 11.6194 looks on a white background.

Color Contrast Check

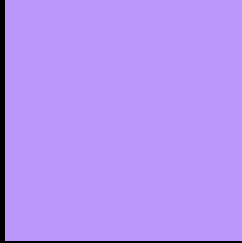
Large Text (above 18pt) WCAG AA × Fail

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 173.7510, 38.0838, 11.6194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

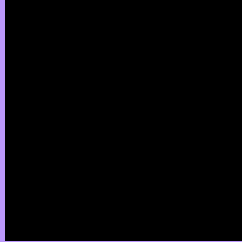
Any Text WCAG AA ✓ Pass

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 173.7510, 38.0838, 11.6194 Background



This preview shows how black text looks on a background with the YUV color 173.7510, 38.0838, 11.6194.



This preview shows how white text looks on a background with the YUV color 173.7510, 38.0838,

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

173.7510, 38.0838, 11.6194

Protanopia

168.6600, 42.5656, -26.0118

Deuteranopia

167.8510, 39.5135, -27.0563



Tritanopia

170.5750, 4.6465, 3.0037

Trichromacy



Original Color

173.7510, 38.0838, 11.6194

Protanomaly

170.6940, 41.0699, -12.8866

Deuteranomaly

169.8250, 39.0333, -13.0015

Tritanomaly

172.0990, 16.7132, 6.0522

Monochromacy



Original Color

173.7510, 38.0838, 11.6194

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9910, 13.8084, 4.3929

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7510, 38.0838, 11.6194 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(187, 152, 251)` looks like.

```
.text, #text, p{  
    color:rgb(187, 152, 251)  
}
```

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(187, 152, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 152, 251) }
```

Border

The CSS property to change the border of an element to YUV 173.7510, 38.0838, 11.6194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

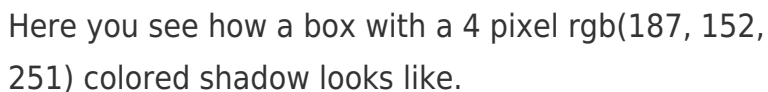
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 152, 251) }
```


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

```
.border{ border-color:rgb(187, 152, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 152, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 152, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 152, 251);  
box-shadow:4px 4px 4px 4px rgb(187, 152,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 173.7510, 38.0838, 11.6194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 152, 251) }
```

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

```
.background{ background-color: rgb(187,  
152, 251) }
```

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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