

Converting Colors

YUV(130.5380, 51.4998,
48.6402)

Have a look what the booklet for
YUV(130.5380, 51.4998, 48.6402)
contains.

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Color

**YUV(130.5380, 51.4998,
48.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	BA52EB
RGB	186, 82, 235
RGB Percent	73%, 32%, 92%
CMY	0.2706, 0.6784, 0.0784
CMYK	0.21, 0.65, 0.00, 0.08
HSL	281°, 79%, 62%
HSV	281°, 65%, 92%
XYZ	38.2624, 22.4718, 80.9181
YIQ	130.5380, 12.8710, 69.6310

Conversions

Conversions Part 2

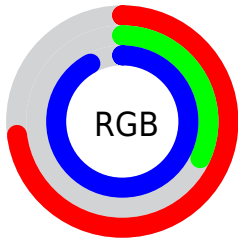
Format	Color
R_{YB}	186, 82, 235
Decimal	12210923
CIE _{Lab}	54.52, 65.21, -59.57
CIE _{LCh}	55, 88.316, 317.588
Yxy	22.4718, 0.2701, 0.1586
Android (android.graphics.Color)	4290401003 (0xFFBA52EB)
YUV	130.5380, 51.4998, 48.6402
Hunter-Lab	47.4045, 61.1179, -68.0232

Details

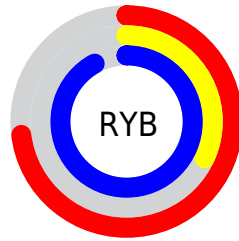
The YUV color $130.5380, 51.4998, 48.6402$ is a light color, and the websafe version is hex $CC66FF$. The color can be described as light muted purple. A complement of this color would be $186.4620, -51.4998, -48.6402$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.3310, 35.3328, 54.0837$, and $69.1300, 53.6729, 51.6290$ is the 20% darker color. If you saturate the color by 10%, you get $114.0580, 59.6244, 56.0771$, and if you desaturate by 10%, it is $147.0180, 43.3751, 41.2032$.

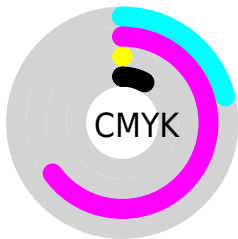
Distribution



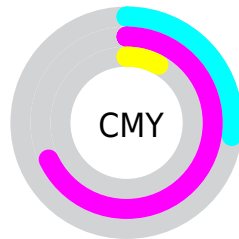
- Red (73%)
- Green (32%)
- Blue (92%)



- Red (73%)
- Yellow (32%)
- Blue (92%)



- Cyan (21%)
- Magenta (65%)
- Yellow (0%)
- Black (8%)




- Cyan (27%)
- Magenta (68%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.5380, 51.4998, 48.6402 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 130.5380, 51.4998, 48.6402 by changing the saturation by 10% instead.


 130.5380, 51.4998,
48.6402


 130.5380, 51.4998,
48.6402


255.0000, 0.0000,
0.0000


 101.5380, 51.4998,
48.6402


 183.3310, 35.3328,
54.0837


 69.1300, 53.6729,
51.6290


 202.7570, 25.7558,
45.8171

 47.1140, 51.2158,
46.3810


 219.1930, 17.6529,
31.4027

 35.3650, 43.6971,
31.2519

 236.2160, 9.2605,
16.4736

 23.8440, 37.0519,
15.9228

253.8260, 0.5788,
1.0296

 9.9310, 31.5860,
-4.3245

 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 130.5380, 51.4998,
48.6402

■ 130.5380, 51.4998,
48.6402

■ 114.0580, 59.6244,
56.0771

■ 147.0180, 43.3751,
41.2032

■ 98.4640, 67.3122,
63.6141

■ 162.6120, 35.6873,
33.6663

■ 82.5710, 75.1475,
70.5362

■ 179.0920, 27.5626,
26.2293

■ 74.6300, 79.0624,
74.8695

■ 194.6860, 19.8748,
18.6924

■ 211.1660, 11.7502,
11.2554

■ 226.7600, 4.0623,
3.7185

■ 243.2400, -4.0623,
-3.7185

■ 250.0290, -7.4093,
-3.5334

■ 252.4210, -8.5886,
1.3848

Harmonies

Analogous

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



102.4450, 75.2096, -89.8443



130.5380, 51.4998, 48.6402



92.7770, 36.0989, 135.2536

Triad

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



130.5380, 51.4998, 48.6402



123.1080, -60.6922, 53.4023



115.0440, 29.5583, -100.8936

Complementary

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



130.5380, 51.4998, 48.6402



186.4620, -51.4998, -48.6402

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.



104.7500, -4.8067, -91.8657



130.5380, 51.4998, 48.6402



117.7500, -58.0508, -0.6578

Square

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



130.5380, 51.4998, 48.6402



113.5180, -55.4714, 105.6627



90.3980, -44.5662, -79.2790



121.6220, 59.8394, -106.6625

Rectangle

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



130.5380, 51.4998, 48.6402



89.3550, 12.6430, 145.2707



90.3980, -44.5662, -79.2790



112.0800, 18.2016, -98.2942

Sweetspot

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



130.5380, 51.4998, 48.6402



220.2790, 17.1175, 16.4183



129.3790, 52.0712, -41.5514



106.8130, 10.4452, 9.8110



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.



130.5380, 51.4998, 48.6402



119.0510, 67.0229, 63.0993



142.2250, 32.9201, 81.3637



109.6460, 3.6255, 3.8185



57.4110, 60.9294, 57.5216



16.9200, 18.2804, 16.7332

Inverse Universe

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



133.3330, -1.1502, 89.1620



122.7970, -1.3789, 115.9420



174.6610, -33.3569, -81.2637



109.6310, -0.3111, 6.4626



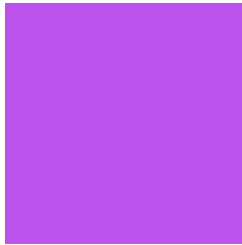
60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 130.5380, 51.4998, 48.6402 looks on a white background.

Color Contrast Check

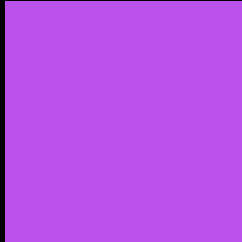
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5380, 51.4998, 48.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

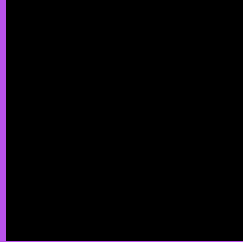
Any Text WCAG AA ✓ Pass

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 130.5380, 51.4998, 48.6402 Background



This preview shows how black text looks on a background with the YUV color 130.5380, 51.4998, 48.6402.



This preview shows how white text looks on a background with the YUV color 130.5380, 51.4998,

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

130.5380, 51.4998, 48.6402

Protanopia

118.2810, 67.4025, -59.0054

Deuteranopia

119.9920, 52.2619, -56.1210



Tritanopia

132.8730, -3.8814, 31.6834

Trichromacy



Original Color

130.5380, 51.4998, 48.6402



Protanomaly

122.7420, 61.7522, -19.9447



Deuteranomaly

123.8210, 51.8532, -18.2600



Tritanomaly

132.1830, 16.1788, 37.5505

Monochromacy



Original Color

130.5380, 51.4998, 48.6402



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.7460, 18.8592, 17.7628

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5380, 51.4998, 48.6402 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(186, 82, 235)` looks like.

```
.text, #text, p{  
    color:rgb(186, 82, 235)  
}
```

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(186, 82, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 82, 235) }
```

Border

The CSS property to change the border of an element to YUV 130.5380, 51.4998, 48.6402 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(186, 82, 235) }
```


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

```
.border{ border-color:rgb(186, 82, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 82, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 82, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 82, 235); box-shadow:4px 4px 4px 4px rgb(186, 82, 235) }
```

Background

The CSS property to change the background color of an element to YUV 130.5380, 51.4998, 48.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 82, 235) }
```

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

```
.background{ background-color: rgb(186, 82,  
235) }
```

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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