

Converting Colors

YUV(131.8350, 37.5493,
43.1177)

Have a look what the booklet for
YUV(131.8350, 37.5493, 43.1177)
contains.

YUV(131.8350, 37.5493, 43.1177)	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(131.8350, 37.5493,
43.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	B55CD0
RGB	181, 92, 208
RGB Percent	71%, 36%, 82%
CMY	0.2902, 0.6392, 0.1843
CMYK	0.13, 0.56, 0.00, 0.18
HSL	286°, 55%, 59%
HSV	286°, 56%, 82%
XYZ	34.2684, 22.0321, 62.1210
YIQ	131.8350, 15.8080, 54.9440

Conversions

Conversions Part 2

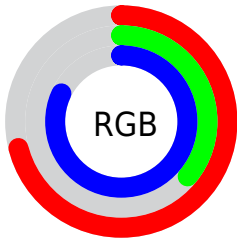
Format	Color
R_{YB}	181, 92, 208
Decimal	11885776
CIE _{Lab}	54.06, 53.88, -45.08
CIE _{LCh}	54, 70.254, 320.080
Yxy	22.0321, 0.2894, 0.1860
Android (android.graphics.Color)	4290075856 (0xFFB55CD0)
YUV	131.8350, 37.5493, 43.1177
Hunter-Lab	46.9384, 48.1756, -45.6110

Details

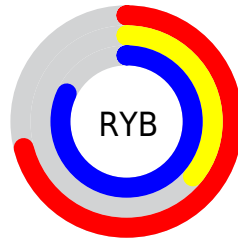
The YUV color **131.8350, 37.5493, 43.1177** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **168.1650, -37.5493, -43.1177**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.2330, 33.9021, 46.2767**, and **77.1230, 37.4074, 41.9881** is the 20% darker color. If you saturate the color by 10%, you get **118.0130, 44.3636, 50.8546**, and if you desaturate by 10%, it is **145.6570, 30.7351, 35.3808**.

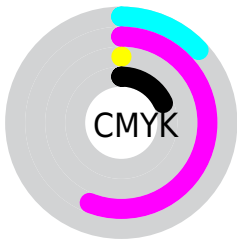
Distribution



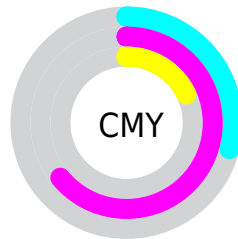
- Red (71%)
- Green (36%)
- Blue (82%)



- Red (71%)
- Yellow (36%)
- Blue (82%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.8350, 37.5493, 43.1177 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 131.8350, 37.5493, 43.1177 by changing the saturation by 10% instead.

131.8350, 37.5493,
43.1177

131.8350, 37.5493,
43.1177

255.0000, 0.0000,
0.0000

104.4220, 37.2600,
42.6029

186.2330, 33.9021,
46.2767

77.1230, 37.4074,
41.9881

207.4530, 23.4407,
41.6987

43.7800, 41.0275,
47.5509

223.8890, 15.3377,
27.2843

32.7430, 33.6507,
33.5514

240.9120, 6.9454,
12.3552

22.4180, 26.4159,
20.6814

11.4240, 20.4970,
5.7672

4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 131.8350, 37.5493,
43.1177

■ 131.8350, 37.5493,
43.1177

■ 118.0130, 44.3636,
50.8546

■ 145.6570, 30.7351,
35.3808

■ 104.1910, 51.1778,
58.5915

■ 159.4790, 23.9209,
27.6439

■ 90.9560, 57.7027,
65.8136

■ 172.7140, 17.3960,
20.4218

■ 77.4330, 64.3695,
74.1653

■ 186.2370, 10.7292,
12.0702

71.5520, 67.2689,
77.5689

200.0590, 3.9149,
4.3333

213.8810, -2.8993,
-3.4036

227.7030, -9.7136,
-11.1405

239.1770,
-15.3703, -16.8182

240.6720,
-16.1073, -13.7443

Harmonies

Analogous

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



122.4530, 59.9227, -39.8623



131.8350, 37.5493, 43.1177



121.8830, 14.8477, 91.3106

Triad

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



131.8350, 37.5493, 43.1177



121.5800, -59.9389, 45.0953



110.8380, 28.6739, -97.2049

Complementary

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



131.8350, 37.5493, 43.1177



168.1650, -37.5493, -43.1177

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.



103.0690, 1.4450, -90.3915



131.8350, 37.5493, 43.1177



115.9890, -57.1826, 0.8866

Square

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



131.8350, 37.5493, 43.1177



121.8660, -43.3179, 80.8015



99.5300, -27.8693, -67.9938



115.1190, 52.6923, -100.9594

Rectangle

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



131.8350, 37.5493, 43.1177



117.5520, -3.2301, 103.0019



99.5300, -27.8693, -67.9938



108.5580, 19.9379, -95.2054

Sweetspot

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



131.8350, 37.5493, 43.1177



226.7690, 13.9179, 15.9886



121.0730, 42.8550, -25.4970



110.9440, 8.4086, 9.6961



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.



131.8350, 37.5493, 43.1177



142.6630, 55.3821, 63.4395



136.3740, 20.0286, 62.8160



97.6460, 3.6255, 3.8185



57.7230, 54.3666, 62.5099



13.9430, 13.3391, 14.9590

Inverse Universe

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



129.7620, -5.3057, 68.6147



139.6890, -7.7347, 101.1277



163.6260, -20.0286, -62.8160



97.6310, -0.3111, 6.4626



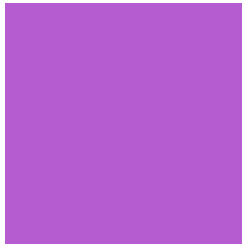
54.6780, -7.7293, 99.3834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 131.8350, 37.5493, 43.1177 looks on a white background.

Color Contrast Check

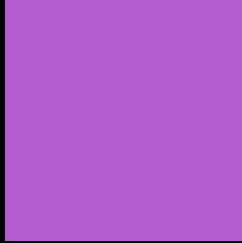
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8350, 37.5493, 43.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

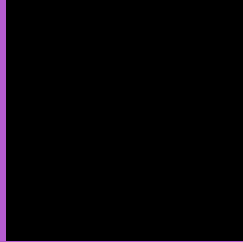
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.8350, 37.5493, 43.1177

Background



This preview shows how black text looks on a background with the YUV color 131.8350, 37.5493, 43.1177.



This preview shows how white text looks on a background with the YUV color 131.8350, 37.5493,

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

131.8350, 37.5493, 43.1177

Protanopia

122.5510, 57.9024, -45.2102

Deuteranopia

126.4440, 36.7561, -29.3304



Tritanopia

131.4710, -4.1762, 32.9129

Trichromacy



Original Color

131.8350, 37.5493, 43.1177



Protanomaly

126.0990, 50.2372, -13.2418



Deuteranomaly

128.7230, 37.1116, -3.2651



Tritanomaly

131.5050, 11.0900, 36.3911

Monochromacy



Original Color

131.8350, 37.5493, 43.1177



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.7690, 13.9179, 15.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8350, 37.5493, 43.1177 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(181, 92, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 208)  
}
```

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(181, 92, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 208) }
```

Border

The CSS property to change the border of an element to YUV 131.8350, 37.5493, 43.1177 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(181, 92, 208) }
```


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

```
.border{ border-color:rgb(181, 92, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 92, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 131.8350, 37.5493, 43.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 208) }
```

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

```
.background{ background-color: rgb(181, 92,  
208) }
```

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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