

Converting Colors

YUV(132.5430, 33.7493,
48.6358)

Have a look what the booklet for
YUV(132.5430, 33.7493, 48.6358)
contains.

YUV(132.5430, 33.7493, 48.6358)	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(132.5430, 33.7493,
48.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5BC9
RGB	188, 91, 201
RGB Percent	74%, 36%, 79%
CMY	0.2627, 0.6431, 0.2118
CMYK	0.06, 0.55, 0.00, 0.21
HSL	293°, 50%, 57%
HSV	293°, 55%, 79%
XYZ	35.0227, 22.3906, 57.7343
YIQ	132.5430, 22.5020, 54.7740

Conversions

Conversions Part 2

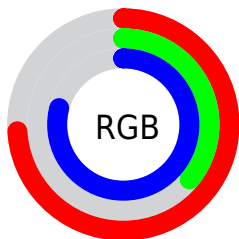
Format	Color
R_{YB}	188, 91, 201
Decimal	12344265
CIE _{Lab}	54.44, 54.84, -40.43
CIE _{LCh}	54, 68.136, 323.602
Yxy	22.3906, 0.3042, 0.1945
Android (android.graphics.Color)	4290534345 (0xFFBC5BC9)
YUV	132.5430, 33.7493, 48.6358
Hunter-Lab	47.3187, 49.3084, -39.2175

Details

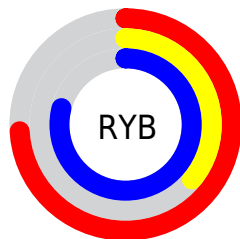
The YUV color **132.5430, 33.7493, 48.6358** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **159.4570, -33.7493, -48.6358**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7390, 33.1597, 51.0949**, and **76.6570, 34.1861, 48.5358** is the 20% darker color. If you saturate the color by 10%, you get **120.2050, 39.8319, 57.7022**, and if you desaturate by 10%, it is **144.8810, 27.6667, 39.5694**.

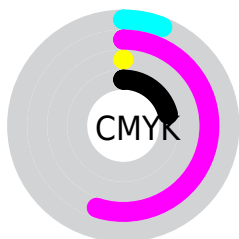
Distribution



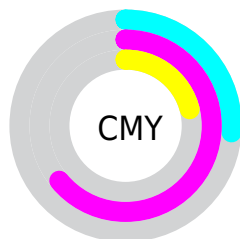
- Red (74%)
- Green (36%)
- Blue (79%)



- Red (74%)
- Yellow (36%)
- Blue (79%)



- Cyan (6%)
- Magenta (55%)
- Yellow (0%)
- Black (21%)





- Cyan (26%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.5430, 33.7493, 48.6358 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 132.5430, 33.7493, 48.6358 by changing the saturation by 10% instead.


 132.5430, 33.7493,
48.6358


 132.5430, 33.7493,
48.6358


255.0000, 0.0000,
0.0000


 105.1300, 33.4599,
48.1210


 187.7390, 33.1597,
51.0949

 76.6570, 34.1861,
48.5358


 206.8660, 23.7301,
42.2135


 45.0750, 36.9380,
52.5542

 223.3020, 15.6271,
27.7991

 34.1520, 29.9981,
38.4547

 240.3250, 7.2348,
12.8700

 23.9410, 23.2001,
25.4847

 13.5450, 16.9863,
11.8000

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 132.5430, 33.7493,
48.6358

■ 132.5430, 33.7493,
48.6358

■ 120.2050, 39.8319,
57.7022

■ 144.8810, 27.6667,
39.5694

■ 107.5680, 46.0620,
66.1539

■ 157.5180, 21.4366,
31.1177

■ 95.2300, 52.1446,
75.2203

■ 169.8560, 15.3540,
22.0513

■ 82.5930, 58.3747,
83.6719

■ 182.4930, 9.1240,
13.5996

■ 75.8370, 61.7054,
88.7200

■ 195.4180, 2.7519,
4.0184

■ 207.7560, -3.3307,
-5.0480

■ 220.3930, -9.5607,
-13.4997

■ 232.7310,
-15.6434, -22.5661

■ 235.0900,
-16.8064, -22.8809

Harmonies

Analogous

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



127.5860, 54.9271, -24.1929



132.5430, 33.7493, 48.6358



123.1450, 10.7745, 91.0808

Triad

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



132.5430, 33.7493, 48.6358



122.1340, -60.2121, 39.3475



112.2230, 31.4421, -98.4196

Complementary

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



132.5430, 33.7493, 48.6358



159.4570, -33.7493, -48.6358

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.



104.6820, 5.0868, -91.8061



132.5430, 33.7493, 48.6358



116.2550, -57.3137, -3.7316

Square

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



132.5430, 33.7493, 48.6358



123.6650, -45.1908, 74.8388



94.7930, -20.1109, -83.1335



115.4610, 54.0027, -101.2593

Rectangle

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



132.5430, 33.7493, 48.6358



120.7920, -7.2925, 99.2834



94.7930, -20.1109, -83.1335



109.9430, 22.7061, -96.4200

Sweetspot

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



132.5430, 33.7493, 48.6358



229.4380, 12.6021, 18.0329



112.3450, 43.7069, -18.7196



112.4280, 7.6770, 11.0256



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.



132.5430, 33.7493, 48.6358



150.4040, 51.5658, 74.1907



131.8700, 14.3611, 60.6270



93.4180, 2.7519, 4.0184



61.6380, 49.9715, 72.2315



13.3730, 11.1551, 15.4589

Inverse Universe

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



125.3720, -10.5364, 66.3258



139.5120, -16.0284, 101.2830



160.1300, -14.3611, -60.6270



92.8050, -0.8899, 5.4330



50.9030, -15.7282, 98.3091



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 132.5430, 33.7493, 48.6358 looks on a white background.

Color Contrast Check

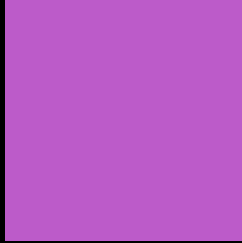
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.5430, 33.7493, 48.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

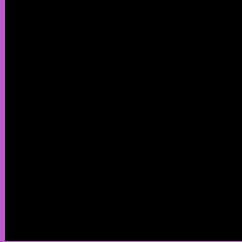
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.5430, 33.7493, 48.6358

Background



This preview shows how black text looks on a background with the YUV color 132.5430, 33.7493, 48.6358.



This preview shows how white text looks on a background with the YUV color 132.5430, 33.7493,

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

132.5430, 33.7493, 48.6358

Protanopia

125.1450, 53.6655, -39.5922

Deuteranopia

128.9240, 32.0825, -23.6123



Tritanopia

132.3470, -6.0871, 39.1607

Trichromacy



Original Color

132.5430, 33.7493, 48.6358



Protanomaly

127.8070, 46.4371, -7.7237



Deuteranomaly

130.3170, 32.8747, 2.3530



Tritanomaly

132.1530, 8.3056, 42.8388

Monochromacy



Original Color

132.5430, 33.7493, 48.6358



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0250, 12.3127, 17.5181

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5430, 33.7493, 48.6358 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, 91, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 91, 201)  
}
```

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, 91, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 91, 201) }
```

Border

The CSS property to change the border of an element to YUV 132.5430, 33.7493, 48.6358 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, 91, 201) }
```


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

```
.border{ border-color:rgb(188, 91, 201) }
```

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

Here you see how a box with a 4 pixel rgb(188, 91, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 91, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 91, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 91,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 132.5430, 33.7493, 48.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 91, 201) }
```

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

```
.background{ background-color: rgb(188, 91,  
201) }
```

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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