

Converting Colors

YUV(132.7010, 50.9264,
45.8662)

Have a look what the booklet for
YUV(132.7010, 50.9264, 45.8662)
contains.

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Color

**YUV(132.7010, 50.9264,
45.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	B956EC
RGB	185, 86, 236
RGB Percent	73%, 34%, 93%
CMY	0.2745, 0.6627, 0.0745
CMYK	0.22, 0.64, 0.00, 0.07
HSL	280°, 80%, 63%
HSV	280°, 64%, 93%
XYZ	38.4757, 23.0260, 81.7734
YIQ	132.7010, 10.8540, 67.6380

Conversions

Conversions Part 2

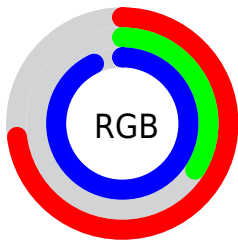
Format	Color
R _Y B	185, 86, 236
Decimal	12146412
CIE Lab	55.10, 63.41, -59.21
CIE LCh	55, 86.757, 316.962
Yxy	23.0260, 0.2685, 0.1607
Android (android.graphics.Color)	4290336492 (0xFFB956EC)
YUV	132.7010, 50.9264, 45.8662
Hunter-Lab	47.9854, 59.1505, -67.4482

Details

The YUV color $132.7010, 50.9264, 45.8662$ 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 $189.2990, -50.9264, -45.8662$, and the grayscale version is $132.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.7930, 34.6121, 51.9245$, and $73.9400, 51.7946, 47.4106$ is the 20% darker color. If you saturate the color by 10%, you get $116.2210, 59.0510, 53.3032$, and if you desaturate by 10%, it is $149.1810, 42.8018, 38.4293$.

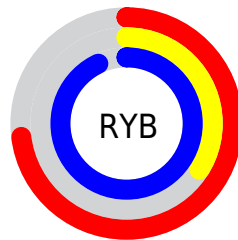
Distribution



Red (73%)

Green (34%)

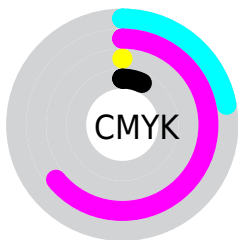
Blue (93%)



Red (73%)

Yellow (34%)

Blue (93%)

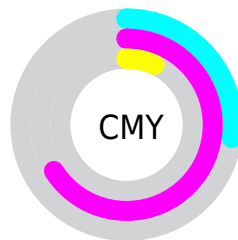


Cyan (22%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (27%)


Magenta (66%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.7010, 50.9264, 45.8662 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 132.7010, 50.9264, 45.8662 by changing the saturation by 10% instead.


 132.7010, 50.9264,
45.8662


 132.7010, 50.9264,
45.8662


255.0000, 0.0000,
0.0000


 104.2880, 50.6370,
45.3514


 184.7930, 34.6121,
51.9245

 73.9400, 51.7946,
47.4106


 204.5180, 24.8876,
44.2727


 46.9290, 51.8000,
45.6663

 221.5410, 16.4953,
29.3435

 35.4790, 44.1339,
31.1519

 238.5640, 8.1029,
14.4144

 23.8440, 37.0519,
15.9228

 9.7460, 32.1702,
-5.0392

 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 132.7010, 50.9264,
45.8662

■ 132.7010, 50.9264,
45.8662

■ 116.2210, 59.0510,
53.3032

■ 149.1810, 42.8018,
38.4293

■ 100.3280, 66.8863,
60.2253

■ 165.0740, 34.9665,
31.5071

■ 83.8480, 75.0109,
67.6623

■ 181.5540, 26.8419,
24.0701

■ 73.5480, 80.0888,
72.3104

■ 197.4470, 19.0066,
17.1480

213.9270, 10.8820,
9.7110

230.4070, 2.7573,
2.2741

246.3000, -5.0779,
-4.6481

251.0400, -7.4147,
-1.7891

252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



103.6190, 74.6308, -90.8739



132.7010, 50.9264, 45.8662



105.6200, 30.7533, 123.1133

Triad

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



132.7010, 50.9264, 45.8662



124.5920, -61.4239, 54.7318



115.5170, 28.8321, -101.3084

Complementary

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



132.7010, 50.9264, 45.8662



189.2990, -50.9264, -45.8662

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.



105.3370, -5.0961, -92.3805



132.7010, 50.9264, 45.8662



119.2340, -58.7824, 0.6718

Square

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



132.7010, 50.9264, 45.8662



116.5440, -51.5402, 104.7629



90.9850, -44.8556, -79.7938



122.0950, 59.1132, -107.0773

Rectangle

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



132.7010, 50.9264, 45.8662



89.6970, 13.9534, 144.9707



90.9850, -44.8556, -79.7938



112.5530, 17.4754, -98.7090

Sweetspot

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



132.7010, 50.9264, 45.8662



222.0400, 16.2493, 14.8739



134.2110, 50.1820, -42.2810



107.4000, 10.1558, 9.2962



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.



132.7010, 50.9264, 45.8662



121.3880, 65.8707, 59.2957



145.4420, 33.7991, 79.4194



109.3470, 3.7729, 3.2037



56.2150, 61.5190, 55.0624



16.6210, 18.4278, 16.1184

Inverse Universe

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



136.6640, 0.1656, 87.1177



126.5300, 0.2317, 112.6682



176.6720, -33.3623, -79.5193



109.7450, 0.1257, 6.3626



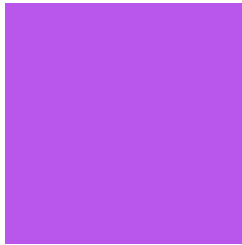
61.1870, 0.4008, 105.0760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 132.7010, 50.9264, 45.8662 looks on a white background.

Color Contrast Check

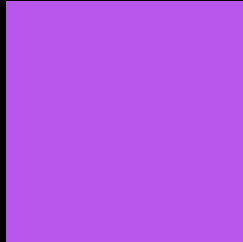
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7010, 50.9264, 45.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

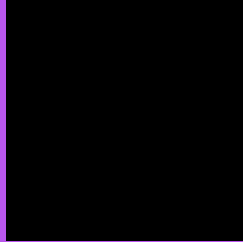
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7010, 50.9264, 45.8662

Background



This preview shows how black text looks on a background with the YUV color 132.7010, 50.9264, 45.8662.



This preview shows how white text looks on a background with the YUV color 132.7010, 50.9264, 45.8662.

45.8662.

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

132.7010, 50.9264, 45.8662

Protanopia

121.2490, 65.9392, -56.3464

Deuteranopia

121.8890, 51.8197, -54.2767



Tritanopia

133.9760, -3.4392, 29.8390

Trichromacy



Original Color

132.7010, 50.9264, 45.8662

Protanomaly

125.6990, 60.2944, -19.0300

Deuteranomaly

125.7070, 51.4164, -18.1600

Tritanomaly

133.2860, 16.6210, 35.7062

Monochromacy



Original Color

132.7010, 50.9264, 45.8662

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9200, 18.2804, 16.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7010, 50.9264, 45.8662 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(185, 86, 236)` looks like.

```
.text, #text, p{  
    color:rgb(185, 86, 236)  
}
```

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(185, 86, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 86, 236) }
```

Border

The CSS property to change the border of an element to YUV 132.7010, 50.9264, 45.8662 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(185, 86, 236) }
```


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

```
.border{ border-color:rgb(185, 86, 236) }
```

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

Here you see how a box with a 4 pixel rgb(185, 86, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 86, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 86, 236);  
box-shadow:4px 4px 4px 4px rgb(185, 86,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 132.7010, 50.9264, 45.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 86, 236) }
```

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

```
.background{ background-color: rgb(185, 86,  
236) }
```

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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