

Converting Colors

YUV(135.1410, 50.2165,
40.2183)

Have a look what the booklet for
YUV(135.1410, 50.2165, 40.2183)
contains.

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Color

**YUV(135.1410, 50.2165,
40.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	B55CED
RGB	181, 92, 237
RGB Percent	71%, 36%, 93%
CMY	0.2902, 0.6392, 0.0706
CMYK	0.24, 0.61, 0.00, 0.07
HSL	277°, 80%, 65%
HSV	277°, 61%, 93%
XYZ	38.1693, 23.5925, 82.6628
YIQ	135.1410, 6.4990, 63.9630

Conversions

Conversions Part 2

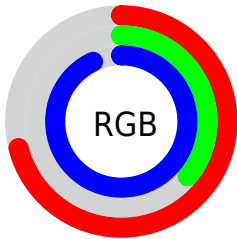
Format	Color
RYB	181, 92, 237
Decimal	11885805
CIELab	55.68, 59.93, -58.87
CIELCh	56, 84.010, 315.513
Yxy	23.5925, 0.2643, 0.1634
Android (android.graphics.Color)	4290075885 (0xFFB55CED)
YUV	135.1410, 50.2165, 40.2183
Hunter-Lab	48.5721, 55.2690, -66.9027

Details

The YUV color **135.1410, 50.2165, 40.2183** 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 **193.8590, -50.2165, -40.2183**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5320, 33.7547, 46.8914**, and **78.7280, 49.9271, 39.7035** is the 20% darker color. If you saturate the color by 10%, you get **118.3620, 58.4885, 47.0405**, and if you desaturate by 10%, it is **151.9200, 41.9444, 33.3962**.

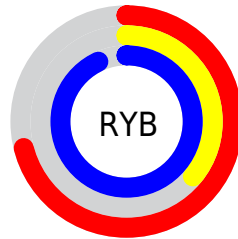
Distribution



Red (71%)

Green (36%)

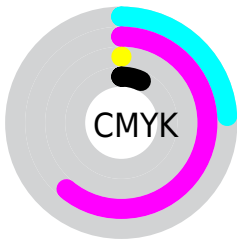
Blue (93%)



Red (71%)

Yellow (36%)

Blue (93%)

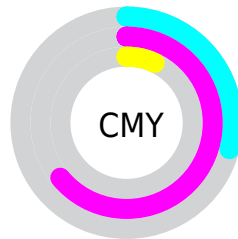


Cyan (24%)

Magenta (61%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (64%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1410, 50.2165, 40.2183 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 135.1410, 50.2165, 40.2183 by changing the saturation by 10% instead.

135.1410, 50.2165,
40.2183

135.1410, 50.2165,
40.2183

255.0000, 0.0000,
0.0000

107.3150, 49.6377,
39.1887

186.5320, 33.7547,
46.8914

78.7280, 49.9271,
39.7035

207.4530, 23.4407,
41.6987

46.1460, 52.6790,
43.7220

224.4760, 15.0483,
26.7695

34.3970, 45.1603,
28.5928

241.4990, 6.6560,
11.8404

22.4630, 38.2257,
12.7489

8.6640, 33.1966,
-7.5983

8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 135.1410, 50.2165,
40.2183

■ 135.1410, 50.2165,
40.2183

■ 118.3620, 58.4885,
47.0405

■ 151.9200, 41.9444,
33.3962

■ 102.1700, 66.4712,
53.3479

■ 168.1120, 33.9618,
27.0888

■ 85.3910, 74.7432,
60.1701

■ 184.8910, 25.6897,
20.2666

■ 70.3730, 82.1471,
65.4479

■ 201.9690, 17.2703,
14.0592

218.7480, 8.9982,
7.2370

234.9400, 1.0156,
0.9296

249.9580, -6.3883,
-4.3482

252.6490, -7.7150,
1.1848

252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



105.3800, 73.7627, -92.4183



135.1410, 50.2165, 40.2183



115.7450, 27.7337, 111.6026

Triad

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



135.1410, 50.2165, 40.2183



125.4890, -61.8661, 56.5761



115.7620, 27.2323, -101.5233

Complementary

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



135.1410, 50.2165, 40.2183



193.8590, -50.2165, -40.2183

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.



105.8100, -5.8223, -92.7954



135.1410, 50.2165, 40.2183



121.3270, -59.8142, 4.9752

Square

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



135.1410, 50.2165, 40.2183



120.2000, -46.4406, 102.4336



91.5720, -45.1450, -80.3086



122.1120, 56.6398, -107.0922

Rectangle

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



135.1410, 50.2165, 40.2183



100.2460, 11.2177, 135.7193



91.5720, -45.1450, -80.3086



112.7980, 15.8756, -98.9238

Sweetspot

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



135.1410, 50.2165, 40.2183



222.6160, 15.9653, 12.6148



142.5760, 46.5510, -44.3552



107.6880, 10.0138, 8.1666



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.



135.1410, 50.2165, 40.2183



124.2900, 64.4400, 51.4887



150.2890, 35.8465, 76.0455



109.3470, 3.7729, 3.2037



53.8230, 62.6983, 50.1442



16.0230, 18.7227, 14.8888

Inverse Universe

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



141.7390, 3.0867, 83.5439



132.8220, 4.0318, 107.1501



178.7110, -35.8465, -76.0455



109.7450, 0.1257, 6.3626



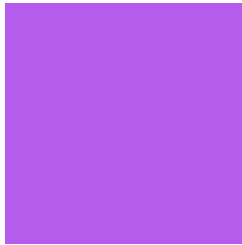
62.0990, 3.8952, 104.2762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 135.1410, 50.2165, 40.2183 looks on a white background.

Color Contrast Check

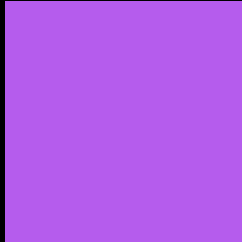
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1410, 50.2165, 40.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

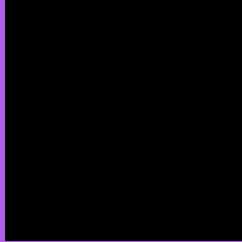
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.1410, 50.2165, 40.2183

Background



This preview shows how black text looks on a background with the YUV color 135.1410, 50.2165, 40.2183.



This preview shows how white text looks on a background with the YUV color 135.1410, 50.2165,

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

135.1410, 50.2165, 40.2183

Protanopia

123.3310, 64.9128, -53.7873

Deuteranopia

123.8890, 51.8197, -54.2767



Tritanopia

135.6980, -1.8231, 24.8209

Trichromacy



Original Color

135.1410, 50.2165, 40.2183



Protanomaly

127.7590, 59.2788, -19.9596



Deuteranomaly

127.6960, 51.4219, -19.9044



Tritanomaly

135.3670, 17.0741, 30.3731

Monochromacy



Original Color

135.1410, 50.2165, 40.2183



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

134.9090, 18.2859, 14.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1410, 50.2165, 40.2183 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 237) }
```

Border

The CSS property to change the border of an element to YUV 135.1410, 50.2165, 40.2183 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, 237) }
```


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

```
.border{ border-color:rgb(181, 92, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 237);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 135.1410, 50.2165, 40.2183 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, 237) }
```

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

```
.background{ background-color: rgb(181, 92,  
237) }
```

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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