

Converting Colors

YUV(136.2320, 38.8326,
51.5395)

Have a look what the booklet for
YUV(136.2320, 38.8326, 51.5395)
contains.

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Color

**YUV(136.2320, 38.8326,
51.5395)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C35BD7 |
| RGB | 195, 91, 215 |
| RGB Percent | 76%, 36%, 84% |
| CMY | 0.2353, 0.6431, 0.1569 |
| CMYK | 0.09, 0.58, 0.00, 0.16 |
| HSL | 290°, 61%, 60% |
| HSV | 290°, 58%, 84% |
| XYZ | 38.5125, 23.9906, 66.8908 |
| YIQ | 136.2320, 22.1800, 60.6120 |

Conversions

Conversions Part 2

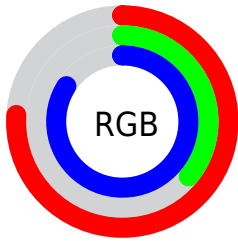
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 91, 215 |
| Decimal | 12803031 |
| CIE _{Lab} | 56.08, 59.31, -45.75 |
| CIE _{LCh} | 56, 74.901, 322.356 |
| Yxy | 23.9906, 0.2976, 0.1854 |
| Android (android.graphics.Color) | 4290993111 (0xFFC35BD7) |
| YUV | 136.2320, 38.8326, 51.5395 |
| Hunter-Lab | 48.9802, 54.6371, -46.6845 |

Details

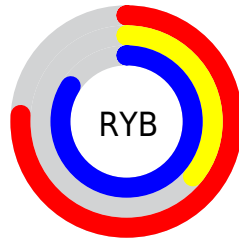
The YUV color **136.2320, 38.8326, 51.5395** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **169.7680, -38.8326, -51.5395**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7180, 31.6910, 55.4983**, and **78.8730, 39.9956, 51.8544** is the 20% darker color. If you saturate the color by 10%, you get **123.0080, 45.3521, 60.5060**, and if you desaturate by 10%, it is **150.0430, 32.0238, 42.0583**.

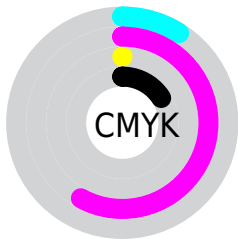
Distribution



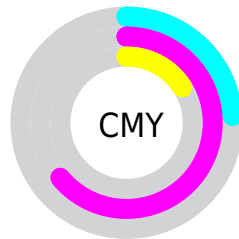
- Red (76%)
- Green (36%)
- Blue (84%)



- Red (76%)
- Yellow (36%)
- Blue (84%)



- Cyan (9%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)





- Cyan (24%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.2320, 38.8326, 51.5395 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 136.2320, 38.8326, 51.5395 by changing the saturation by 10% instead.


 136.2320, 38.8326,
51.5395


 136.2320, 38.8326,
51.5395


255.0000, 0.0000,
0.0000


 107.9330, 38.9800,
50.9248


 190.7180, 31.6910,
55.4983


 78.8730, 39.9956,
51.8544


 207.4530, 23.4407,
41.6987


 48.3510, 41.7320,
54.9432

 223.8890, 15.3377,
27.2843

 37.0150, 34.5026,
40.3288

 240.9120, 6.9454,
12.3552

 26.3910, 27.4152,
26.8441

 15.9950, 21.2015,
13.1594

 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 136.2320, 38.8326,
51.5395

■ 136.2320, 38.8326,
51.5395

■ 123.0080, 45.3521,
60.5060

■ 150.0430, 32.0238,
42.0583

■ 108.8980, 52.3083,
69.3725

■ 163.5660, 25.3570,
33.7066

■ 95.6740, 58.8277,
78.3389

■ 177.3770, 18.5481,
24.2254

■ 81.5640, 65.7839,
87.2054

■ 190.9000, 11.8813,
15.8737

78.3300, 67.3783,
89.1646

204.7110, 5.0725,
6.3925

218.2340, -1.5944,
-1.9592

232.0450, -8.4032,
-11.4405

240.8720,
-12.7549, -15.6737

241.7690,
-13.1971, -13.8294

Harmonies

Analogous

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



129.0560, 62.0904, -35.1291



136.2320, 38.8326, 51.5395



123.9490, 14.8151, 101.7767

Triad

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



136.2320, 38.8326, 51.5395



126.5860, -62.4069, 43.3361



116.4290, 32.3265, -102.1082

Complementary

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



136.2320, 38.8326, 51.5395



169.7680, -38.8326, -51.5395

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.



108.2040, 3.3504, -94.8949



136.2320, 38.8326, 51.5395



120.3860, -59.3503, -3.8465

Square

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



136.2320, 38.8326, 51.5395



125.5800, -49.5859, 84.5603



97.4030, -25.3417, -85.4224



120.3510, 57.5080, -105.5478

Rectangle

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



136.2320, 38.8326, 51.5395



120.2650, -4.5676, 112.0236



97.4030, -25.3417, -85.4224



114.0350, 23.1537, -100.0087

Sweetspot

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



136.2320, 38.8326, 51.5395



227.6660, 13.4757, 17.8329



117.4630, 48.0857, -23.2081



111.2430, 8.2612, 10.3109



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.



136.2320, 38.8326, 51.5395



143.3160, 55.0602, 73.3909



137.5380, 17.9758, 67.9342



99.9450, 3.4781, 4.4332



62.2510, 53.6133, 70.8169



15.6660, 13.4757, 17.8329

Inverse Universe

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



130.3560, -9.5425, 74.2328



134.8160, -13.7133, 105.4014



168.4620, -17.9758, -67.9342



99.5170, -0.7479, 6.5626



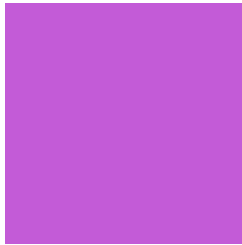
54.3210, -12.9763, 102.3275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 136.2320, 38.8326, 51.5395 looks on a white background.

Color Contrast Check

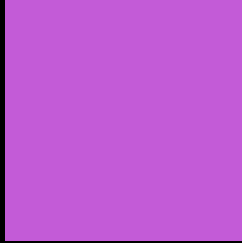
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2320, 38.8326, 51.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

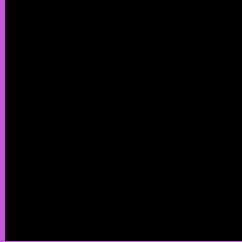
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2320, 38.8326, 51.5395

Background



This preview shows how black text looks on a background with the YUV color 136.2320, 38.8326, 51.5395.



This preview shows how white text looks on a background with the YUV color 136.2320, 38.8326,

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

136.2320, 38.8326, 51.5395

Protanopia

126.5550, 61.8444, -49.5987

Deuteranopia

131.5580, 37.1929, -29.4304



Tritanopia

136.9450, -6.3819, 40.3902

Trichromacy



Original Color

136.2320, 38.8326, 51.5395



Protanomaly

129.7230, 53.8736, -12.9121



Deuteranomaly

132.9730, 37.9743, 0.0237



Tritanomaly

136.6200, 10.0473, 44.1833

Monochromacy



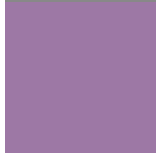
Original Color

136.2320, 38.8326, 51.5395



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.1930, 14.2019, 18.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2320, 38.8326, 51.5395 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(195, 91, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 91, 215)  
}
```

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(195, 91, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 91, 215) }
```

Border

The CSS property to change the border of an element to YUV 136.2320, 38.8326, 51.5395 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(195, 91, 215) }
```


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

```
.border{ border-color:rgb(195, 91, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 91, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 91, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 91, 215);  
box-shadow:4px 4px 4px 4px rgb(195, 91,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 136.2320, 38.8326, 51.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 91, 215) }
```

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

```
.background{ background-color: rgb(195, 91,  
215) }
```

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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