

Converting Colors

YUV(123.0650, 38.9150,
71.8570)

Have a look what the booklet for
YUV(123.0650, 38.9150, 71.8570)
contains.

| | |
|--|----|
| YUV(123.0650, 38.9150, 71.8570) | 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(123.0650, 38.9150,
71.8570)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD42CA |
| RGB | 205, 66, 202 |
| RGB Percent | 80%, 26%, 79% |
| CMY | 0.1961, 0.7412, 0.2078 |
| CMYK | 0.00, 0.68, 0.01, 0.20 |
| HSL | 301°, 58%, 53% |
| HSV | 301°, 68%, 80% |
| XYZ | 37.7857, 21.1398, 57.9660 |
| YIQ | 123.0650, 39.1880, 71.7640 |

Conversions

Conversions Part 2

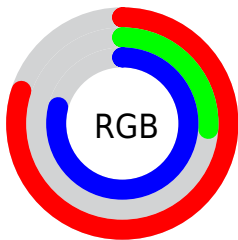
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 205, 66, 202 |
| Decimal | 13451978 |
| CIE _{Lab} | 53.10, 69.79, -42.95 |
| CIE _{LCh} | 53, 81.952, 328.391 |
| Yxy | 21.1398, 0.3233, 0.1808 |
| Android (android.graphics.Color) | 4291642058 (0xFFCD42CA) |
| YUV | 123.0650, 38.9150, 71.8570 |
| Hunter-Lab | 45.9781, 66.2333, -42.5641 |

Details

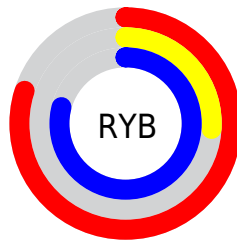
The YUV color **123.0650, 38.9150, 71.8570** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **147.9350, -38.9150, -71.8570**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6900, 37.6208, 66.9239**, and **60.7110, 42.5405, 75.6755** is the 20% darker color. If you saturate the color by 10%, you get **110.7380, 44.9922, 82.6678**, and if you desaturate by 10%, it is **134.8050, 33.1271, 61.5610**.

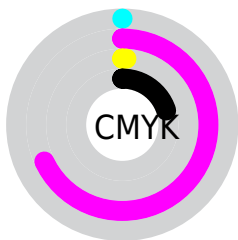
Distribution



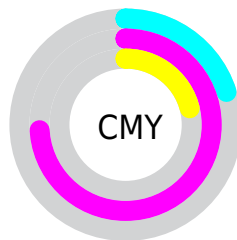
- Red (80%)
- Green (26%)
- Blue (79%)



- Red (80%)
- Yellow (26%)
- Blue (79%)



- Cyan (0%)
- Magenta (68%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (74%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0650, 38.9150, 71.8570 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 123.0650, 38.9150, 71.8570 by changing the saturation by 10% instead.


 123.0650, 38.9150,
71.8570


 123.0650, 38.9150,
71.8570


255.0000, 0.0000,
0.0000


 90.6570, 41.0881,
74.8458


 178.6900, 37.6208,
66.9239


 60.7110, 42.5405,
75.6755


 195.1260, 29.5179,
52.5095


 49.3750, 35.3111,
61.0611


 212.1490, 21.1255,
37.5803

 38.1530, 28.5186,
46.3468

 229.7590, 12.4438,
22.1364

 27.2300, 21.5786,
32.2473

 246.7820, 4.0515,
7.2072

 16.5350, 15.5122,
17.9478

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 123.0650, 38.9150,
71.8570

■ 123.0650, 38.9150,
71.8570

■ 110.7380, 44.9922,
82.6678

■ 134.8050, 33.1271,
61.5610

■ 98.8840, 50.3432,
93.0637

■ 147.2460, 27.4867,
50.6503

■ 86.5570, 56.4204,
103.8745

■ 158.9860, 21.6989,
40.3543

■ 84.2090, 57.5780,
105.9337

■ 171.4270, 16.0585,
29.4435

■ 183.7540, 9.9813,
18.6327

■ 195.6080, 4.6303,
8.2368

■ 207.9350, -1.4470,
-2.5740

■ 219.7890, -6.7980,
-12.9700

■ 232.1160,
-12.8752, -23.7807

Harmonies

Analogous

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



124.8070, 63.1991, -17.3707



123.0650, 38.9150, 71.8570



94.1020, 19.6697, 131.4605

Triad

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



123.0650, 38.9150, 71.8570



119.1440, -58.7380, 33.1997



113.5740, 39.1570, -99.6044

Complementary

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



123.0650, 38.9150, 71.8570



147.9350, -38.9150, -71.8570

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.



105.3660, 7.7076, -92.4060



123.0650, 38.9150, 71.8570



109.3670, -53.9179, -19.6159

Square

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



123.0650, 38.9150, 71.8570



116.2070, -57.2901, 82.2565



93.6530, -24.4789, -82.1337



117.3820, 63.9017, -102.9440

Rectangle

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



123.0650, 38.9150, 71.8570



99.3210, -6.0743, 128.6375



93.6530, -24.4789, -82.1337



111.5390, 28.8213, -97.8197

Sweetspot

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



123.0650, 38.9150, 71.8570



224.9490, 14.3221, 26.3547



82.4440, 60.4201, -12.6674



109.6890, 8.5343, 16.0587



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.



123.0650, 38.9150, 71.8570



133.0350, 58.1567, 106.9633



115.1990, 8.7759, 78.7555



96.1300, 2.8939, 5.1480



68.1020, 46.2917, 85.8565



15.5800, 10.5601, 19.6623

Inverse Universe

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



123.0650, 38.9150, 71.8570



133.0350, 58.1567, 106.9633



155.8010, -8.7759, -78.7555



96.1300, 2.8939, 5.1480



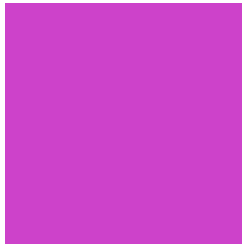
68.1020, 46.2917, 85.8565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 123.0650, 38.9150, 71.8570 looks on a white background.

Color Contrast Check

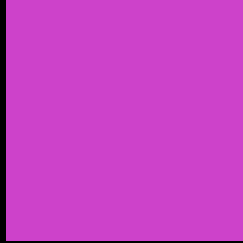
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0650, 38.9150, 71.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

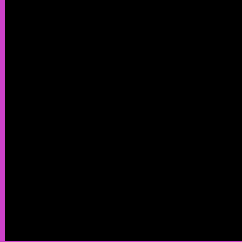
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0650, 38.9150, 71.8570

Background



This preview shows how black text looks on a background with the YUV color 123.0650, 38.9150, 71.8570.



This preview shows how white text looks on a background with the YUV color 123.0650, 38.9150,

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

123.0650, 38.9150, 71.8570

Protanopia

112.3340, 70.3343, -66.0679

Deuteranopia

125.1410, 32.9615, -25.5567



Tritanopia

126.8010, -11.2409, 58.9335

Trichromacy



Original Color

123.0650, 38.9150, 71.8570



Protanomaly

116.0800, 59.1206, -15.8562



Deuteranomaly

124.6430, 35.1790, 9.9601



Tritanomaly

125.6440, 7.0775, 63.4562

Monochromacy



Original Color

123.0650, 38.9150, 71.8570



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.9490, 14.3221, 26.3547

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0650, 38.9150, 71.8570 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(205, 66, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 66, 202)  
}
```

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(205, 66, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 66, 202) }
```

Border

The CSS property to change the border of an element to YUV 123.0650, 38.9150, 71.8570 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(205, 66, 202) }
```


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

```
.border{ border-color:rgb(205, 66, 202) }
```

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

Here you see how a box with a 4 pixel rgb(205, 66, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 66, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 66, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 66,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 123.0650, 38.9150, 71.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 66, 202) }
```

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

```
.background{ background-color: rgb(205, 66,  
202) }
```

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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