

Converting Colors

YUV(140.7390, 33.1597,
51.0949)

Have a look what the booklet for
YUV(140.7390, 33.1597, 51.0949)
contains.

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Color

**YUV(140.7390, 33.1597,
51.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	C762D0
RGB	199, 98, 208
RGB Percent	78%, 38%, 82%
CMY	0.2196, 0.6157, 0.1843
CMYK	0.04, 0.53, 0.00, 0.18
HSL	295°, 54%, 60%
HSV	295°, 53%, 82%
XYZ	39.3060, 25.4315, 62.5116
YIQ	140.7390, 24.8860, 55.6220

Conversions

Conversions Part 2

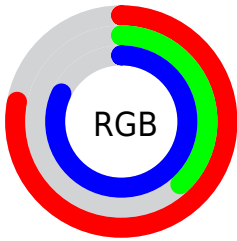
Format	Color
R_{YB}	199, 98, 208
Decimal	13066960
CIE _{Lab}	57.49, 55.73, -39.51
CIE _{LCh}	57, 68.318, 324.665
Yxy	25.4315, 0.3089, 0.1999
Android (android.graphics.Color)	4291257040 (0xFFC762D0)
YUV	140.7390, 33.1597, 51.0949
Hunter-Lab	50.4297, 50.8749, -38.1939

Details

The YUV color **140.7390, 33.1597, 51.0949** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.2610, -33.1597, -51.0949**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.1260, 29.5179, 52.5095**, and **85.1410, 33.4545, 49.8653** is the 20% darker color. If you saturate the color by 10%, you get **127.8140, 39.5317, 60.6761**, and if you desaturate by 10%, it is **153.6640, 26.7876, 41.5137**.

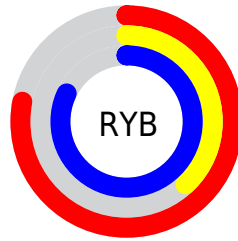
Distribution



Red (78%)

Green (38%)

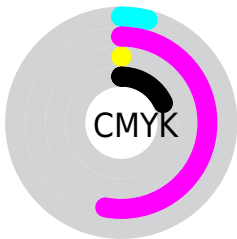
Blue (82%)



Red (78%)

Yellow (38%)

Blue (82%)

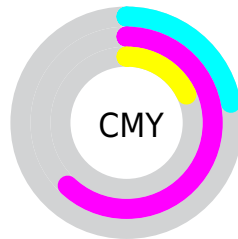


Cyan (4%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (22%)


Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.7390, 33.1597, 51.0949 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 140.7390, 33.1597, 51.0949 by changing the saturation by 10% instead.


 140.7390, 33.1597,
51.0949


 140.7390, 33.1597,
51.0949


255.0000, 0.0000,
0.0000


 113.0270, 33.0177,
49.9653


 195.1260, 29.5179,
52.5095


 85.1410, 33.4545,
49.8653


 211.5620, 21.4149,
38.0951


 51.7980, 37.0746,
55.4282

 227.9980, 13.3120,
23.6808

 37.8260, 31.1448,
44.0026

 245.0210, 4.9196,
8.7516

 27.3160, 24.4942,
30.4179

 17.4040, 17.5488,
18.0627

 3.5340, 13.5407,

-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 140.7390, 33.1597,
51.0949

■ 140.7390, 33.1597,
51.0949

■ 127.8140, 39.5317,
60.6761

■ 153.6640, 26.7876,
41.5137

■ 115.1880, 45.7563,
70.8721

■ 166.2900, 20.5630,
31.3177

■ 102.8500, 51.8389,
79.9385

■ 178.6280, 14.4804,
22.2512

■ 89.9250, 58.2110,
89.5198

■ 191.5530, 8.1084,
12.6700

80.8210, 62.6992,
96.6270

204.4780, 1.7363,
3.0888

217.1040, -4.4883,
-7.1072

230.0290,
-10.8603, -16.6884

237.0840,
-14.3384, -21.1217

237.3830,
-14.4858, -20.5069

Harmonies

Analogous

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



136.7930, 54.3321, -19.9895



140.7390, 33.1597, 51.0949



132.4010, 9.1693, 92.6103

Triad

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



140.7390, 33.1597, 51.0949



129.8090, -63.9958, 39.6325



118.0590, 33.4949, -103.5377

Complementary

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



140.7390, 33.1597, 51.0949



165.2610, -33.1597, -51.0949

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.



110.5180, 7.1396, -96.9243



140.7390, 33.1597, 51.0949



122.7450, -60.5133, -4.1614

Square

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



140.7390, 33.1597, 51.0949



132.2090, -46.9380, 75.2387



103.6080, -19.5267, -83.8482



121.2970, 56.0556, -106.3775

Rectangle

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



140.7390, 33.1597, 51.0949



129.6350, -9.1871, 100.2981



103.6080, -19.5267, -83.8482



115.8930, 25.1958, -101.6382

Sweetspot

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



140.7390, 33.1597, 51.0949



230.0360, 12.3073, 19.2624



115.8230, 45.4433, -15.6308



112.7270, 7.5296, 11.6404



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.



140.7390, 33.1597, 51.0949



156.6060, 48.5082, 74.8905



138.1860, 11.7403, 61.2269



98.2440, 3.3307, 5.0480



65.4970, 50.5340, 78.4941



15.7370, 12.4547, 18.6477

Inverse Universe

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



131.9160, -12.2836, 66.7257



143.6210, -18.0542, 97.6794



167.8140, -11.7403, -61.2269



97.4030, -1.1847, 6.6626



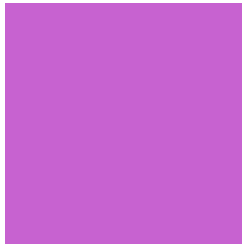
51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 140.7390, 33.1597, 51.0949 looks on a white background.

Color Contrast Check

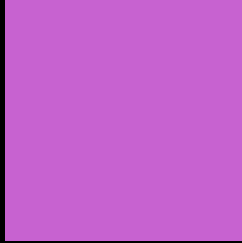
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.7390, 33.1597, 51.0949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

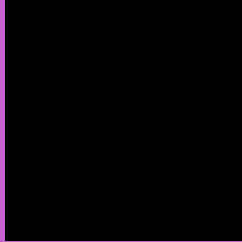
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.7390, 33.1597, 51.0949

Background



This preview shows how black text looks on a background with the YUV color 140.7390, 33.1597, 51.0949.



This preview shows how white text looks on a background with the YUV color 140.7390, 33.1597, 51.0949.

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

140.7390, 33.1597, 51.0949

Protanopia

133.9280, 52.7865, -37.6479

Deuteranopia

137.1200, 31.4928, -21.1532



Tritanopia

140.2550, -6.5347, 42.7494

Trichromacy



Original Color

140.7390, 33.1597, 51.0949



Protanomaly

136.5900, 45.5581, -5.7794



Deuteranomaly

138.5130, 32.2851, 4.8121



Tritanomaly

140.6480, 7.5685, 45.9127

Monochromacy



Original Color

140.7390, 33.1597, 51.0949



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.6230, 12.0179, 18.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7390, 33.1597, 51.0949 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(199, 98, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 98, 208)  
}
```

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(199, 98, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 98, 208) }
```

Border

The CSS property to change the border of an element to YUV 140.7390, 33.1597, 51.0949 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(199, 98, 208) }
```


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

```
.border{ border-color:rgb(199, 98, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 98, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 98, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 98, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 98,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 140.7390, 33.1597, 51.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 98, 208) }
```

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

```
.background{ background-color: rgb(199, 98,  
208) }
```

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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