

Converting Colors

YUV(142.0380, 33.0123,
51.7097)

Have a look what the booklet for
YUV(142.0380, 33.0123, 51.7097)
contains.

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Color

**YUV(142.0380, 33.0123,
51.7097)**

Conversions

Conversions Part 1	
Format	Color
Hex	C963D1
RGB	201, 99, 209
RGB Percent	79%, 39%, 82%
CMY	0.2118, 0.6118, 0.1804
CMYK	0.04, 0.53, 0.00, 0.18
HSL	296°, 54%, 60%
HSV	296°, 53%, 82%
XYZ	40.0579, 25.9446, 63.2181
YIQ	142.0380, 25.4820, 55.8340

Conversions

Conversions Part 2

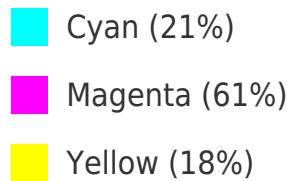
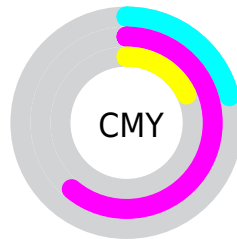
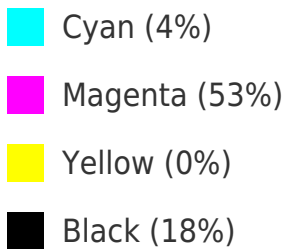
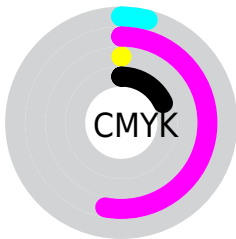
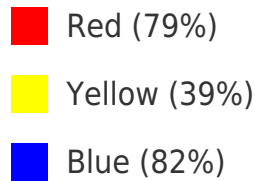
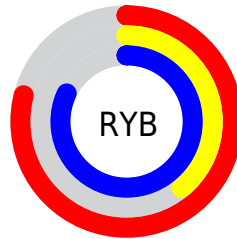
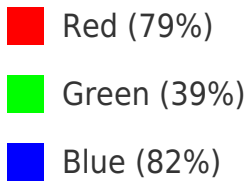
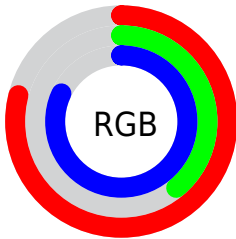
Format	Color
RYB	201, 99, 209
Decimal	13198289
CIELab	57.98, 55.98, -39.29
CIELCh	58, 68.389, 324.935
Yxy	25.9446, 0.3100, 0.2008
Android (android.graphics.Color)	4291388369 (0xFFC963D1)
YUV	142.0380, 33.0123, 51.7097
Hunter-Lab	50.9359, 51.2412, -37.9316

Details

The YUV color **142.0380, 33.0123, 51.7097** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.9620, -33.0123, -51.7097**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 29.2285, 51.9947**, and **86.4400, 33.3071, 50.4801** is the 20% darker color. If you saturate the color by 10%, you get **129.1130, 39.3843, 61.2909**, and if you desaturate by 10%, it is **154.9630, 26.6402, 42.1284**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 142.0380, 33.0123, 51.7097 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 142.0380, 33.0123, 51.7097 by changing the saturation by 10% instead.


 142.0380, 33.0123,
51.7097


 142.0380, 33.0123,
51.7097


255.0000, 0.0000,
0.0000


 114.3260, 32.8703,
50.5801


 195.7130, 29.2285,
51.9947


 86.4400, 33.3071,
50.4801


 212.1490, 21.1255,
37.5803


 53.0970, 36.9272,
56.0429

 228.5850, 13.0226,
23.1660

 38.5380, 31.2868,
45.1322

 245.6080, 4.6303,
8.2368

 28.0280, 24.6362,
31.5474

 18.1160, 17.6908,
19.1923

 3.6480, 13.9775,

-3.1993

0.3420, 1.3104,
-0.2999

0.0000, 0.0000,
0.0000

142.0380, 33.0123,
51.7097

142.0380, 33.0123,
51.7097

129.1130, 39.3843,
61.2909

154.9630, 26.6402,
42.1284

116.4870, 45.6089,
71.4869


167.5890, 20.4156,
31.9324

103.5620, 51.9809,
81.0681

180.5140, 14.0436,
22.3512


90.9360, 58.2056,
91.2641


193.1400, 7.8190,
12.1552


 81.8320, 62.6938,
98.3713

 206.0650, 1.4470,
2.5740

 218.1040, -4.4883,
-7.1072

 231.0290,
-10.8603, -16.6884

 237.1980,
-13.9016, -21.2216

 237.7960,
-14.1964, -19.9921

Harmonies

Analogous

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



138.2060, 54.6214, -19.4747



142.0380, 33.0123, 51.7097



133.7000, 9.0219, 93.2251

Triad

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



142.0380, 33.0123, 51.7097



130.6950, -64.4326, 39.7325



118.8740, 34.0791, -104.2525

Complementary

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



142.0380, 33.0123, 51.7097



165.9620, -33.0123, -51.7097

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.



111.9200, 7.4344, -98.1538



142.0380, 33.0123, 51.7097



124.2180, -61.2395, -4.5762

Square

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



142.0380, 33.0123, 51.7097



133.2090, -46.9380, 75.2387



104.4230, -18.9425, -84.5630



122.1120, 56.6398, -107.0922

Rectangle

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



142.0380, 33.0123, 51.7097



131.2220, -9.4764, 99.7833



104.4230, -18.9425, -84.5630



117.2950, 25.4906, -102.8677

Sweetspot

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



142.0380, 33.0123, 51.7097



230.0360, 12.3073, 19.2624



116.8230, 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.



142.0380, 33.0123, 51.7097



156.9050, 48.3608, 75.5053



139.1860, 11.7403, 61.2269



98.2440, 3.3307, 5.0480



65.7960, 50.3866, 79.1089



16.0360, 12.3073, 19.2624

Inverse Universe

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



132.8020, -12.7204, 66.8256



143.5070, -18.4910, 97.7794



168.8140, -11.7403, -61.2269



97.4030, -1.1847, 6.6626



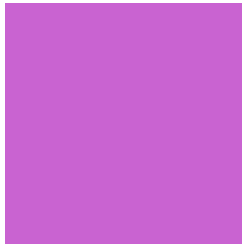
51.6000, -19.5228, 102.0828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 142.0380, 33.0123, 51.7097 looks on a white background.

Color Contrast Check

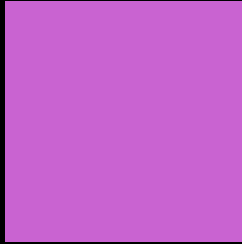
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0380, 33.0123, 51.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

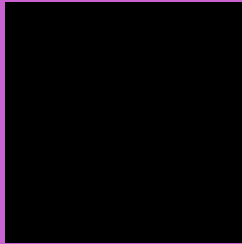
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.0380, 33.0123, 51.7097

Background



This preview shows how black text looks on a background with the YUV color 142.0380, 33.0123, 51.7097.



This preview shows how white text looks on a background with the YUV color 142.0380, 33.0123,

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

142.0380, 33.0123, 51.7097

Protanopia

135.2270, 52.6391, -37.0331

Deuteranopia





139.0060, 31.0560, -21.0533






Tritanopia

141.5540, -6.6821, 43.3641

Trichromacy

	Original Color 142.0380, 33.0123, 51.7097
	Protanomaly 137.8890, 45.4107, -5.1647
	Deuteranomaly 139.8120, 32.1377, 5.4269
	Tritanomaly 141.9470, 7.4211, 46.5275

Monochromacy

	Original Color 142.0380, 33.0123, 51.7097
	Achromatopsia 142.0000, 0.0000, 0.0000
	Achromatomaly 141.6230, 12.0179, 18.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0380, 33.0123, 51.7097 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(201, 99, 209)` looks like.

```
.text, #text, p{  
    color:rgb(201, 99, 209)  
}
```

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(201, 99, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 99, 209) }
```

Border

The CSS property to change the border of an element to YUV 142.0380, 33.0123, 51.7097 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(201, 99, 209) }
```


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

```
.border{ border-color:rgb(201, 99, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 99, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 99, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 99, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 99,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 142.0380, 33.0123, 51.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 99, 209) }
```

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

```
.background{ background-color: rgb(201, 99,  
209) }
```

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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