

Converting Colors

YUV(142.9780, 30.5768,
39.4843)

Have a look what the booklet for
YUV(142.9780, 30.5768, 39.4843)
contains.

YUV(142.9780, 30.5768, 39.4843)	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(142.9780, 30.5768,
39.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6CCD
RGB	188, 108, 205
RGB Percent	74%, 42%, 80%
CMY	0.2627, 0.5765, 0.1961
CMYK	0.08, 0.47, 0.00, 0.20
HSL	289°, 49%, 61%
HSV	289°, 47%, 80%
XYZ	37.1210, 25.8243, 60.7857
YIQ	142.9780, 16.5430, 47.1270

Conversions

Conversions Part 2

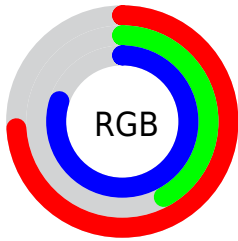
Format	Color
RYB	188, 108, 205
Decimal	12348621
CIELab	57.87, 47.08, -37.32
CIELCh	58, 60.074, 321.594
Yxy	25.8243, 0.3000, 0.2087
Android (android.graphics.Color)	4290538701 (0xFFBC6CCD)
YUV	142.9780, 30.5768, 39.4843
Hunter-Lab	50.8176, 41.4593, -35.3477

Details

The YUV color **142.9780, 30.5768, 39.4843** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.0220, -30.5768, -39.4843**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7180, 28.2400, 42.3433**, and **89.7390, 29.7087, 37.9399** is the 20% darker color. If you saturate the color by 10%, you get **129.4550, 37.2437, 47.8360**, and if you desaturate by 10%, it is **156.5010, 23.9100, 31.1326**.

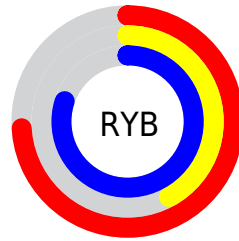
Distribution



Red (74%)

Green (42%)

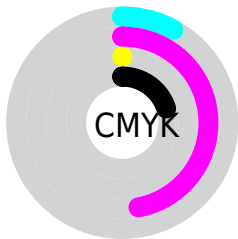
Blue (80%)



Red (74%)

Yellow (42%)

Blue (80%)

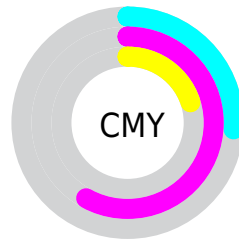


Cyan (8%)

Magenta (47%)

Yellow (0%)

Black (20%)



Cyan (26%)


Magenta (58%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.9780, 30.5768, 39.4843 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 142.9780, 30.5768, 39.4843 by changing the saturation by 10% instead.


 142.9780, 30.5768,
39.4843


 142.9780, 30.5768,
39.4843


255.0000, 0.0000,
0.0000


 116.1520, 29.9981,
38.4547


 197.7180, 28.2400,
42.3433

 89.7390, 29.7087,
37.9399


 216.2580, 19.0998,
33.9767


 62.8530, 30.1455,
37.8399

 233.2810, 10.7075,
19.0476

 35.2060, 31.4504,
39.2843

 250.3040, 2.3151,
4.1184

 24.5820, 24.3631,
25.7996

 15.3820, 17.5597,
14.5740

 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 142.9780, 30.5768,
39.4843

■ 142.9780, 30.5768,
39.4843

■ 129.4550, 37.2437,
47.8360

■ 156.5010, 23.9100,
31.1326

■ 116.8180, 43.4737,
56.2876

■ 169.1380, 17.6800,
22.6810

■ 103.8820, 49.8512,
64.1245

■ 182.6610, 11.0131,
14.3293

■ 90.6580, 56.3706,
73.0909

■ 195.2980, 4.7831,
5.8777

■ 77.7220, 62.7481,
80.9278

■ 208.8210, -1.8838,
-2.4740

73.9010, 64.6318,
83.4018

221.7570, -8.2612,
-10.3109

234.9810,
-14.7806, -19.2773

237.9380,
-16.2384, -18.3626

238.8350,
-16.6807, -16.5183

Harmonies

Analogous

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



137.1040, 49.2487, -22.8932



142.9780, 30.5768, 39.4843



138.1880, 8.7813, 77.0111

Triad

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



142.9780, 30.5768, 39.4843



132.5130, -54.9759, 39.8921



116.3320, 29.4163, -102.0232

Complementary

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



142.9780, 30.5768, 39.4843



170.0220, -30.5768, -39.4843

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.



109.5890, 6.1186, -96.1096



142.9780, 30.5768, 39.4843



128.5250, -50.0518, 0.4166

Square

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



142.9780, 30.5768, 39.4843



135.3530, -38.6280, 69.8504



118.6660, -23.9923, -51.4501



119.1140, 50.2298, -104.4630

Rectangle

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



142.9780, 30.5768, 39.4843



135.4160, -7.1071, 86.4582



118.6660, -23.9923, -51.4501



114.3940, 21.9908, -100.3235

Sweetspot

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



142.9780, 30.5768, 39.4843



232.0740, 11.3025, 14.8441



129.6240, 37.1604, -18.9642



113.8900, 6.9562, 8.8665



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.



142.9780, 30.5768, 39.4843



162.4100, 45.6469, 59.2764



144.5270, 14.5302, 53.0348



95.5320, 3.1887, 3.9184



59.8870, 52.3137, 67.6281



13.9000, 11.8813, 15.8737

Inverse Universe

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



138.9410, -6.8729, 57.9337



156.2050, -10.4541, 86.6432



168.4730, -14.5302, -53.0348



95.2180, -0.6005, 5.9478



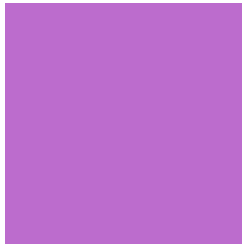
52.9400, -11.8024, 99.1536



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 142.9780, 30.5768, 39.4843 looks on a white background.

Color Contrast Check

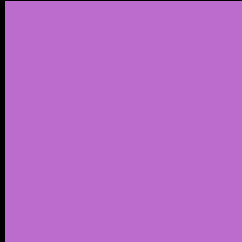
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9780, 30.5768, 39.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

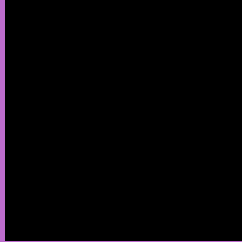
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.9780, 30.5768, 39.4843

Background



This preview shows how black text looks on a background with the YUV color 142.9780, 30.5768, 39.4843.



This preview shows how white text looks on a background with the YUV color 142.9780, 30.5768, 39.4843.

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

142.9780, 30.5768, 39.4843

Protanopia

136.4360, 45.6341, -30.2004

Deuteranopia

138.3760, 29.8876, -19.6238



Tritanopia

141.8730, -3.8814, 31.6834

Trichromacy



Original Color

142.9780, 30.5768, 39.4843



Protanomaly

138.8090, 40.0272, -5.0945



Deuteranomaly

139.9210, 30.1119, 1.8233



Tritanomaly

142.5110, 8.6221, 34.6319

Monochromacy



Original Color

142.9780, 30.5768, 39.4843



Achromatopsia

143.0000, 0.0000, 0.0000



Achromatomaly

142.7750, 11.4499, 14.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9780, 30.5768, 39.4843 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(188, 108, 205)` looks like.

```
.text, #text, p{  
    color:rgb(188, 108, 205)  
}
```

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(188, 108, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 108, 205) }
```

Border

The CSS property to change the border of an element to YUV 142.9780, 30.5768, 39.4843 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(188, 108, 205) }
```


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

```
.border{ border-color:rgb(188, 108, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 108, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 108, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 108, 205);  
box-shadow:4px 4px 4px 4px rgb(188, 108,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 142.9780, 30.5768, 39.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 108, 205) }
```

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

```
.background{ background-color: rgb(188,  
108, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor