

Converting Colors

YUV(144.7320, 16.8941,
41.4540)

Have a look what the booklet for
YUV(144.7320, 16.8941, 41.4540)
contains.

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Color

**YUV(144.7320, 16.8941,
41.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	C072B3
RGB	192, 114, 179
RGB Percent	75%, 45%, 70%
CMY	0.2471, 0.5529, 0.2980
CMYK	0.00, 0.41, 0.07, 0.25
HSL	310°, 38%, 60%
HSV	310°, 41%, 75%
XYZ	35.8922, 26.4958, 45.8703
YIQ	144.7320, 25.6230, 36.7510

Conversions

Conversions Part 2

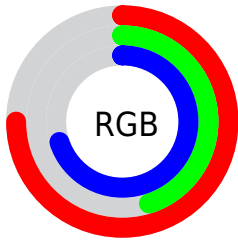
Format	Color
R_{YB}	192, 114, 179
Decimal	12612275
CIE _{Lab}	58.50, 40.26, -21.47
CIE _{LCh}	59, 45.630, 331.927
Yxy	26.4958, 0.3315, 0.2447
Android (android.graphics.Color)	4290802355 (0xFFC072B3)
YUV	144.7320, 16.8941, 41.4540
Hunter-Lab	51.4740, 34.3863, -16.8035

Details

The YUV color **144.7320, 16.8941, 41.4540** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **161.2680, -16.8941, -41.4540**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1560, 17.1781, 43.7132**, and **92.3080, 16.6102, 39.1949** is the 20% darker color. If you saturate the color by 10%, you get **133.2370, 21.0822, 51.5352**, and if you desaturate by 10%, it is **156.2270, 12.7061, 31.3729**.

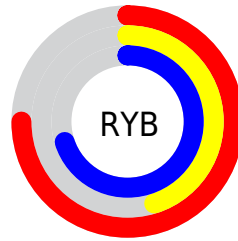
Distribution



Red (75%)

Green (45%)

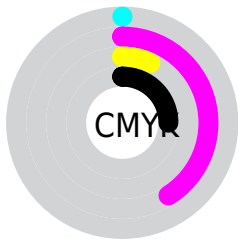
Blue (70%)



Red (75%)

Yellow (45%)

Blue (70%)

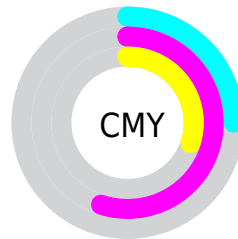


Cyan (0%)

Magenta (41%)

Yellow (7%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.7320, 16.8941, 41.4540 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 144.7320, 16.8941, 41.4540 by changing the saturation by 10% instead.


 144.7320, 16.8941,
41.4540


 144.7320, 16.8941,
41.4540


255.0000, 0.0000,
0.0000

 118.0200, 16.7521,
40.3245


 200.1560, 17.1781,
43.7132

 92.3080, 16.6102,
39.1949


 219.7800, 17.3635,
30.8879


 66.7100, 16.9050,
37.9653

 236.8030, 8.9711,
15.9588

 39.4760, 18.4993,
39.9245

253.8260, 0.5788,
1.0296

 23.7970, 14.8901,
30.8730

 15.4230, 8.6655,
20.6770

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 144.7320, 16.8941,
41.4540

■ 144.7320, 16.8941,
41.4540

■ 133.2370, 21.0822,
51.5352

■ 156.2270, 12.7061,
31.3729

■ 121.7420, 25.2702,
61.6163

■ 167.7220, 8.5181,
21.2918

■ 109.5460, 29.3108,
72.3122

■ 179.9180, 4.4774,
10.5959

■ 98.0510, 33.4989,
82.3933

■ 191.4130, 0.2894,
0.5148

■ 86.5560, 37.6869,
92.4744

■ 202.9080, -3.8986,
-9.5663

■ 75.6480, 41.5855,
102.0407

■ 214.4030, -8.0867,
-19.6474

■ 225.8980,
-12.2747, -29.7285

■ 230.4630,
-12.5533, -33.7321

■ 230.8050,
-11.2429, -34.0320

Harmonies

Analogous

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



143.5020, 32.2905, 3.0677



144.7320, 16.8941, 41.4540



142.1680, -1.0688, 62.9967

Triad

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



144.7320, 16.8941, 41.4540



136.2300, -39.0604, 21.7233



114.6680, 33.1947, -100.5638

Complementary

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



144.7320, 16.8941, 41.4540



161.2680, -16.8941, -41.4540

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.



110.6950, 15.4334, -97.0795



144.7320, 16.8941, 41.4540



132.4970, -30.8110, -10.9599

Square

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



144.7320, 16.8941, 41.4540



139.3610, -34.1950, 47.9184



124.2930, -11.4834, -50.2460



115.0390, 47.3088, -100.8892

Rectangle

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



144.7320, 16.8941, 41.4540



140.5630, -13.5886, 65.2812



124.2930, -11.4834, -50.2460



113.7730, 27.2269, -99.7789

Sweetspot

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



144.7320, 16.8941, 41.4540



231.8200, 6.4977, 15.9439



126.7790, 32.1540, 0.1938



114.0920, 3.8986, 9.5663



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.7320, 16.8941, 41.4540



175.4050, 26.4223, 65.4198



140.2860, -0.1410, 45.3532



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Inverse Universe

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



144.7320, 16.8941, 41.4540



175.4050, 26.4223, 65.4198



165.7140, 0.1410, -45.3532



90.9020, 2.0203, 5.3479



63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 144.7320, 16.8941, 41.4540 looks on a white background.

Color Contrast Check

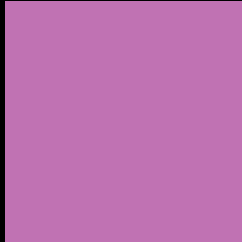
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.7320, 16.8941, 41.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

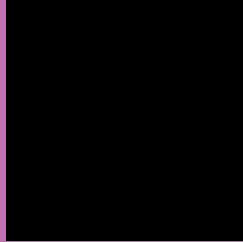
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.7320, 16.8941, 41.4540

Background



This preview shows how black text looks on a background with the YUV color 144.7320, 16.8941, 41.4540.



This preview shows how white text looks on a background with the YUV color 144.7320, 16.8941,

41.4540.

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

144.7320, 16.8941, 41.4540

Protanopia

140.9420, 28.1296, -15.7351

Deuteranopia

142.2180, 16.1615, -3.6992



Tritanopia

143.5640, -5.2081, 37.2164

Trichromacy



Original Color

144.7320, 16.8941, 41.4540



Protanomaly

142.3360, 23.9914, 4.9673



Deuteranomaly

143.0290, 16.2547, 13.1296



Tritanomaly

143.7520, 3.0803, 38.8055

Monochromacy



Original Color

144.7320, 16.8941, 41.4540



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.9940, 5.9190, 14.9143

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7320, 16.8941, 41.4540 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(192, 114, 179)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 179)  
}
```

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(192, 114, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 179) }
```

Border

The CSS property to change the border of an element to YUV 144.7320, 16.8941, 41.4540 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(192, 114, 179) }
```


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

```
.border{ border-color:rgb(192, 114, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 179);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 144.7320, 16.8941, 41.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 179) }
```

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

```
.background{ background-color: rgb(192,  
114, 179) }
```

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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