

Converting Colors

YUV(152.7540, 16.8833,
44.9427)

Have a look what the booklet for
YUV(152.7540, 16.8833, 44.9427)
contains.

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Color

**YUV(152.7540, 16.8833,
44.9427)**

Conversions

Conversions Part 1

Format	Color
Hex	CC78BB
RGB	204, 120, 187
RGB Percent	80%, 47%, 73%
CMY	0.2000, 0.5294, 0.2667
CMYK	0.00, 0.41, 0.08, 0.20
HSL	312°, 45%, 64%
HSV	312°, 41%, 80%
XYZ	40.5880, 29.8582, 50.6377
YIQ	152.7540, 28.5570, 38.6450

Conversions

Conversions Part 2

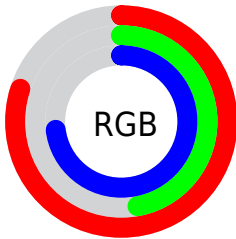
Format	Color
R_{YB}	204, 120, 187
Decimal	13400251
CIE _{Lab}	61.53, 42.33, -21.28
CIE _{LCh}	62, 47.380, 333.314
Yxy	29.8582, 0.3352, 0.2466
Android (android.graphics.Color)	4291590331 (0xFFCC78BB)
YUV	152.7540, 16.8833, 44.9427
Hunter-Lab	54.6426, 36.9633, -16.6946

Details

The YUV color **152.7540, 16.8833, 44.9427** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.2460, -16.8833, -44.9427**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0850, 18.1991, 42.8985**, and **99.4440, 17.0361, 42.5836** is the 20% darker color. If you saturate the color by 10%, you get **140.5580, 20.9239, 55.6386**, and if you desaturate by 10%, it is **164.9500, 12.8427, 34.2469**.

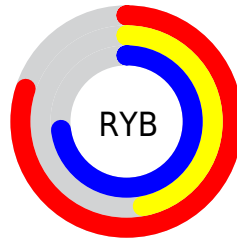
Distribution



Red (80%)

Green (47%)

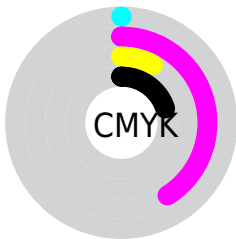
Blue (73%)



Red (80%)

Yellow (47%)

Blue (73%)

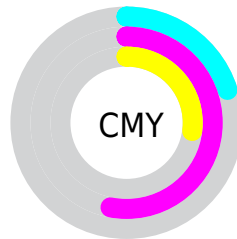


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (20%)



Cyan (20%)


Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.7540, 16.8833, 44.9427 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 152.7540, 16.8833, 44.9427 by changing the saturation by 10% instead.


 152.7540, 16.8833,
44.9427


 152.7540, 16.8833,
44.9427


255.0000, 0.0000,
0.0000


 126.0420, 16.7413,
43.8132


 206.0850, 18.1991,
42.8985


 99.4440, 17.0361,
42.5836


 223.8890, 15.3377,
27.2843

 73.7320, 16.8941,
41.4540

 240.9120, 6.9454,
12.3552

 46.1990, 18.6359,
42.7985

 27.4710, 16.0368,
36.4209

 18.4990, 10.1070,
24.9954

 4.2160, 5.8095,

3.3186

■ 0.0000, 0.0000,
0.0000

■ 152.7540, 16.8833,
44.9427

■ 152.7540, 16.8833,
44.9427

■ 140.5580, 20.9239,
55.6386

■ 164.9500, 12.8427,
34.2469

■ 127.7750, 25.2539,
66.8493

■ 177.7330, 8.5126,
23.0362

■ 115.5790, 29.2946,
77.5452

■ 189.9290, 4.4720,
12.3403

■ 102.6820, 33.1878,
88.8559

■ 202.8260, 0.5788,
1.0296

■ 90.4860, 37.2284,
99.5518

■ 215.0220, -3.4618,
-9.6663

■ 79.5780, 41.1270,
109.1181

■ 227.2180, -7.5025,
-20.3622

■ 235.3050, -9.5174,
-27.4545

■ 235.7610, -7.7702,
-27.8544

■ 236.2170, -6.0230,
-28.2543

Harmonies

Analogous

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



152.0400, 33.0113, 5.2269



152.7540, 16.8833, 44.9427



150.2500, -2.0953, 65.5558

Triad

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



152.7540, 16.8833, 44.9427



144.3610, -41.0970, 21.6084



121.2050, 35.3949, -106.2968

Complementary

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



152.7540, 16.8833, 44.9427



171.2460, -16.8833, -44.9427

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.



117.1180, 17.1968, -102.7125



152.7540, 16.8833, 44.9427



139.8450, -31.9686, -13.0191

Square

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



152.7540, 16.8833, 44.9427



147.2040, -36.0896, 48.9331



130.7870, -10.7410, -55.0642



121.1030, 50.2352, -106.2073

Rectangle

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



152.7540, 16.8833, 44.9427



148.8300, -15.1992, 68.5551



130.7870, -10.7410, -55.0642



119.7230, 29.7166, -104.9971

Sweetspot

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



152.7540, 16.8833, 44.9427



236.1190, 6.3503, 16.5586



134.6590, 34.1851, 2.0531



116.9780, 3.4618, 9.6663



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.



152.7540, 16.8833, 44.9427



178.7750, 25.2539, 66.8493



147.9660, -1.4622, 49.1418



95.9020, 2.0203, 5.3479



64.6820, 33.1878, 88.8559



14.8960, 7.9393, 20.2622

Inverse Universe

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



152.7540, 16.8833, 44.9427



178.7750, 25.2539, 66.8493



176.0340, 1.4622, -49.1418



95.9020, 2.0203, 5.3479



64.6820, 33.1878, 88.8559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 152.7540, 16.8833, 44.9427 looks on a white background.

Color Contrast Check

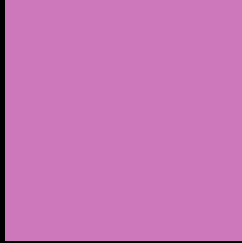
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.7540, 16.8833, 44.9427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

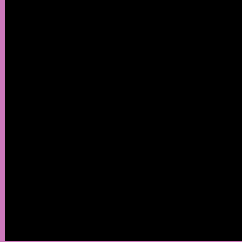
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 152.7540, 16.8833, 44.9427

Background



This preview shows how black text looks on a background with the YUV color 152.7540, 16.8833, 44.9427.



This preview shows how white text looks on a background with the YUV color 152.7540, 16.8833,

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

152.7540, 16.8833, 44.9427

Protanopia

149.0560, 28.5664, -15.8351

Deuteranopia

150.4030, 15.5773, -2.9844



Tritanopia

151.4720, -5.6557, 40.8051

Trichromacy



Original Color

152.7540, 16.8833, 44.9427



Protanomaly

150.4610, 24.4227, 6.6117



Deuteranomaly

151.6270, 15.9599, 14.3591



Tritanomaly

151.6600, 2.6326, 42.3942

Monochromacy



Original Color

152.7540, 16.8833, 44.9427



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0050, 5.9135, 16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7540, 16.8833, 44.9427 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(204, 120, 187)` looks like.

```
.text, #text, p{  
    color:rgb(204, 120, 187)  
}
```

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(204, 120, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 120, 187) }
```

Border

The CSS property to change the border of an element to YUV 152.7540, 16.8833, 44.9427 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(204, 120, 187) }
```


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

```
.border{ border-color:rgb(204, 120, 187) }
```

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

Here you see how a box with a 4 pixel rgb(204, 120, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 120, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 120, 187);  
box-shadow:4px 4px 4px 4px rgb(204, 120,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 152.7540, 16.8833, 44.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 120, 187) }
```

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

```
.background{ background-color: rgb(204,  
120, 187) }
```

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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