

Converting Colors

YUV(151.0540, 11.8054,
40.2946)

Have a look what the booklet for
YUV(151.0540, 11.8054, 40.2946)
contains.

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Color

**YUV(151.0540, 11.8054,
40.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	C57BAF
RGB	197, 123, 175
RGB Percent	77%, 48%, 69%
CMY	0.2275, 0.5176, 0.3137
CMYK	0.00, 0.38, 0.11, 0.23
HSL	318°, 39%, 63%
HSV	318°, 38%, 77%
XYZ	37.8468, 29.1314, 44.1856
YIQ	151.0540, 27.4120, 31.8600

Conversions

Conversions Part 2

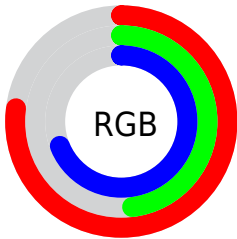
Format	Color
R_{YB}	197, 123, 175
Decimal	12942255
CIE _{Lab}	60.90, 36.39, -15.49
CIE _{LCh}	61, 39.552, 336.944
Yxy	29.1314, 0.3405, 0.2621
Android (android.graphics.Color)	4291132335 (0xFFC57BAF)
YUV	151.0540, 11.8054, 40.2946
Hunter-Lab	53.9735, 30.7125, -10.7565

Details

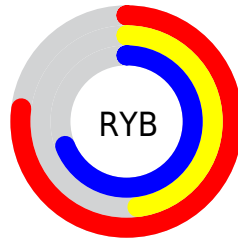
The YUV color **151.0540, 11.8054, 40.2946** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.9460, -11.8054, -40.2946**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4780, 12.0893, 42.5538**, and **98.6300, 11.5214, 38.0355** is the 20% darker color. If you saturate the color by 10%, you get **138.6300, 14.9724, 51.1905**, and if you desaturate by 10%, it is **163.4780, 8.6383, 29.3988**.

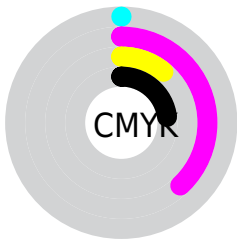
Distribution



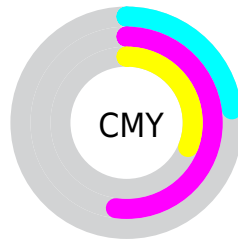
- Red (77%)
- Green (48%)
- Blue (69%)



- Red (77%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (23%)





- Cyan (23%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.0540, 11.8054, 40.2946 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 151.0540, 11.8054, 40.2946 by changing the saturation by 10% instead.


 151.0540, 11.8054,
40.2946


 151.0540, 11.8054,
40.2946


255.0000, 0.0000,
0.0000


 124.3420, 11.6634,
39.1651


 206.4780, 12.0893,
42.5538


 98.6300, 11.5214,
38.0355


 225.6500, 14.4696,
25.7400

 73.7330, 11.9636,
36.1912

 242.0860, 6.3666,
11.3256

 47.9610, 12.8372,
35.9912

 24.9500, 12.8427,
34.2468

 16.2770, 6.7654,
23.4361

 0.0000, 0.0000,

0.0000

■ 151.0540, 11.8054,
40.2946

■ 151.0540, 11.8054,
40.2946

■ 138.6300, 14.9724,
51.1905

■ 163.4780, 8.6383,
29.3988

■ 126.7930, 17.8501,
61.5715

■ 175.3150, 5.7607,
19.0177

■ 114.3690, 21.0171,
72.4674

■ 187.7390, 2.5937,
8.1219

■ 102.0590, 24.6209,
83.2633

■ 200.0490, -1.0102,
-2.6740

■ 90.2220, 27.4986,
93.6443

■ 212.4730, -4.1772,
-13.5698

■ 77.7980, 30.6656,
104.5402

■ 224.3100, -7.0548,
-23.9509

■ 74.6350, 31.2389,
107.3141

■ 233.2120, -8.4855,
-31.7579

■ 233.8960, -5.8647,
-32.3578

■ 234.5800, -3.2439,
-32.9577

Harmonies

Analogous

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



150.5260, 25.8697, 9.1857



151.0540, 11.8054, 40.2946



149.5000, -4.6835, 55.6895

Triad

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



151.0540, 11.8054, 40.2946



143.6790, -33.3657, 15.1905



117.7000, 34.6579, -103.2229

Complementary

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



151.0540, 11.8054, 40.2946



168.9460, -11.8054, -40.2946

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.



114.4110, 19.5174, -100.3384



151.0540, 11.8054, 40.2946



139.3810, -24.8378, -13.4891

Square

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



151.0540, 11.8054, 40.2946



145.8160, -30.9683, 39.6264



132.4550, -7.1263, -47.7570



118.8930, 45.4088, -98.1302

Rectangle

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



151.0540, 11.8054, 40.2946



148.0520, -15.3086, 56.9594



132.4550, -7.1263, -47.7570



117.0330, 29.5637, -102.6379

Sweetspot

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



151.0540, 11.8054, 40.2946



237.6520, 4.6086, 15.2142



137.7150, 29.2275, 5.5119



117.4510, 2.7357, 9.2515



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.



151.0540, 11.8054, 40.2946



183.6190, 18.4288, 62.6011



146.9500, -3.9193, 43.8939



93.3750, 1.2941, 4.9331



61.8470, 26.2044, 88.7112



13.6140, 5.6133, 19.6325

Inverse Universe

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



151.0540, 11.8054, 40.2946



183.6190, 18.4288, 62.6011



173.0500, 3.9193, -43.8939



93.3750, 1.2941, 4.9331



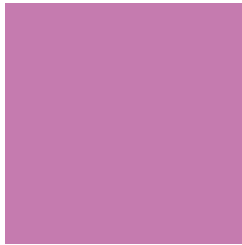
61.8470, 26.2044, 88.7112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 151.0540, 11.8054, 40.2946 looks on a white background.

Color Contrast Check

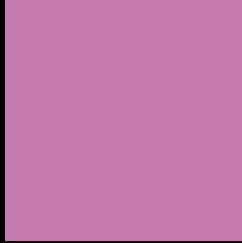
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.0540, 11.8054, 40.2946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

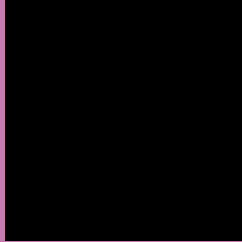
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.0540, 11.8054, 40.2946

Background



This preview shows how black text looks on a background with the YUV color 151.0540, 11.8054, 40.2946.



This preview shows how white text looks on a background with the YUV color 151.0540, 11.8054,

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

151.0540, 11.8054, 40.2946

Protanopia

147.8410, 21.2774, -11.2616

Deuteranopia

148.8720, 10.9091, 0.9893



Tritanopia

149.9770, -4.9187, 37.7312

Trichromacy



Original Color

151.0540, 11.8054, 40.2946

Protanomaly

149.3380, 17.5814, 7.5966

Deuteranomaly

149.3730, 11.1551, 15.4589

Tritanomaly

149.9970, 1.4805, 38.5906

Monochromacy



Original Color

151.0540, 11.8054, 40.2946

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2390, 4.3192, 14.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0540, 11.8054, 40.2946 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(197, 123, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 123, 175)  
}
```

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(197, 123, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 123, 175) }
```

Border

The CSS property to change the border of an element to YUV 151.0540, 11.8054, 40.2946 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(197, 123, 175) }
```


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

```
.border{ border-color:rgb(197, 123, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 123, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 123, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 123, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 123,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 151.0540, 11.8054, 40.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 123, 175) }
```

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

```
.background{ background-color: rgb(197,  
123, 175) }
```

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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