

Converting Colors

YUV(154.0850, 14.7481,
29.7435)

Have a look what the booklet for
YUV(154.0850, 14.7481, 29.7435)
contains.

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Color

**YUV(154.0850, 14.7481,
29.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	BC83B8
RGB	188, 131, 184
RGB Percent	74%, 51%, 72%
CMY	0.2627, 0.4863, 0.2784
CMYK	0.00, 0.30, 0.02, 0.26
HSL	304°, 30%, 63%
HSV	304°, 30%, 74%
XYZ	37.5071, 30.3847, 49.2354
YIQ	154.0850, 16.9590, 28.5670

Conversions

Conversions Part 2

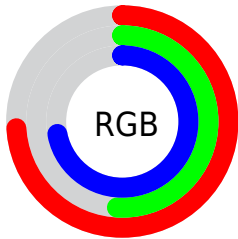
Format	Color
R _{YB}	188, 131, 184
Decimal	12354488
CIE _{Lab}	61.98, 30.60, -19.05
CIE _{LCh}	62, 36.049, 328.093
Yxy	30.3847, 0.3202, 0.2594
Android (android.graphics.Color)	4290544568 (0xFFBC83B8)
YUV	154.0850, 14.7481, 29.7435
Hunter-Lab	55.1223, 24.9935, -14.3724

Details

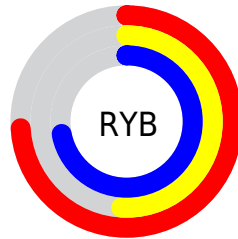
The YUV color **154.0850, 14.7481, 29.7435** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **164.9150, -14.7481, -29.7435**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2100, 15.1795, 31.3878**, and **101.9600, 14.3167, 28.0991** is the 20% darker color. If you saturate the color by 10%, you get **142.8180, 19.8097, 39.6246**, and if you desaturate by 10%, it is **165.3520, 9.6865, 19.8623**.

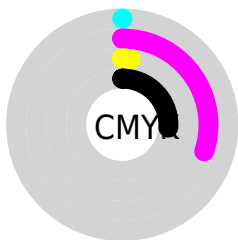
Distribution



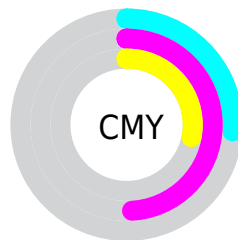
- Red (74%)
- Green (51%)
- Blue (72%)



- Red (74%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (26%)





- Cyan (26%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.0850, 14.7481, 29.7435 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 154.0850, 14.7481, 29.7435 by changing the saturation by 10% instead.


 154.0850, 14.7481,
29.7435


 154.0850, 14.7481,
29.7435


255.0000, 0.0000,
0.0000


 127.6720, 14.4587,
29.2287


 209.2100, 15.1795,
31.3878


 101.9600, 14.3167,
28.0991


 230.3460, 12.1544,
21.6216

 77.2480, 14.1747,
26.9695

 246.7820, 4.0515,
7.2072

 53.4220, 13.5960,
25.9399

 29.2370, 14.1802,
25.2252

 15.5800, 10.5601,
19.6623

 2.0690, 5.3890,

-1.8145

0.0000, 0.0000,
0.0000

154.0850, 14.7481,
29.7435

154.0850, 14.7481,
29.7435

142.8180, 19.8097,
39.6246

165.3520, 9.6865,
19.8623

131.4370, 24.4346,
49.6058

176.7330, 5.0616,
9.8812

120.7570, 29.2068,
58.9721

187.4130, 0.2894,
0.5148

109.4900, 34.2684,
68.8533

198.6800, -4.7722,
-9.3664

98.1090, 38.8933,
78.8344

210.0610, -9.3971,
-19.3475

86.8420, 43.9549,
88.7156

221.3280,
-14.4587, -29.2287

76.1620, 48.7271,
98.0819

227.8990,
-17.2052, -34.9914

228.1270,
-16.3316, -35.1914

228.2410,
-15.8948, -35.2914

Harmonies

Analogous

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



151.6880, 26.7758, -1.4804



154.0850, 14.7481, 29.7435



153.0090, -0.0044, 48.2271

Triad

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



154.0850, 14.7481, 29.7435



147.4070, -30.7667, 21.5681



117.8480, 30.1479, -103.3527

Complementary

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



154.0850, 14.7481, 29.7435



164.9150, -14.7481, -29.7435

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.



131.2320, 7.7736, -66.8555



154.0850, 14.7481, 29.7435



144.5070, -25.8860, -3.9526

Square

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



154.0850, 14.7481, 29.7435



149.6790, -26.4637, 41.5005



138.9900, -11.8271, -33.3172



127.5050, 37.2190, -84.6349

Rectangle

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



154.0850, 14.7481, 29.7435



151.8110, -9.7668, 52.7858



138.9900, -11.8271, -33.3172



118.4910, 24.9009, -100.4086

Sweetspot

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



154.0850, 14.7481, 29.7435



231.8580, 5.4930, 11.5255



138.6940, 24.3079, -3.2396



114.2550, 3.3253, 6.7924



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



154.0850, 14.7481, 29.7435



192.6600, 22.8456, 45.9022



150.8930, 2.5178, 32.5428



88.7170, 2.6045, 4.6332



64.0000, 40.9190, 82.4380



12.4610, 7.6607, 16.2587

Inverse Universe

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



154.0850, 14.7481, 29.7435



192.6600, 22.8456, 45.9022



168.1070, -2.5178, -32.5428



88.7170, 2.6045, 4.6332



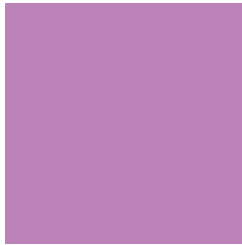
64.0000, 40.9190, 82.4380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 154.0850, 14.7481, 29.7435 looks on a white background.

Color Contrast Check

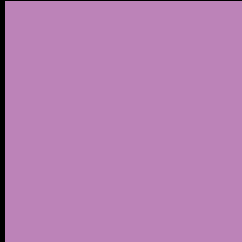
Large Text (above 18pt) WCAG AA × Fail

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 154.0850, 14.7481, 29.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

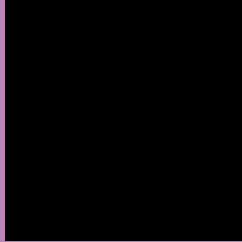
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.0850, 14.7481, 29.7435

Background



This preview shows how black text looks on a background with the YUV color 154.0850, 14.7481, 29.7435.



This preview shows how white text looks on a background with the YUV color 154.0850, 14.7481, 29.7435.

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

154.0850, 14.7481, 29.7435

Protanopia

150.1830, 22.5878, -11.5615

Deuteranopia

151.4740, 14.5563, -2.1697



Tritanopia

152.5950, -2.2653, 26.6652

Trichromacy



Original Color

154.0850, 14.7481, 29.7435

Protanomaly

151.8860, 19.7762, 3.6080

Deuteranomaly

152.2520, 14.6658, 9.4260

Tritanomaly

152.9140, 3.9864, 28.1394

Monochromacy



Original Color

154.0850, 14.7481, 29.7435

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1460, 5.3510, 10.3960

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0850, 14.7481, 29.7435 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, 131, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 131, 184)  
}
```

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, 131, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 131, 184) }
```

Border

The CSS property to change the border of an element to YUV 154.0850, 14.7481, 29.7435 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, 131, 184) }
```


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

```
.border{ border-color:rgb(188, 131, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 131, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 131, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 131, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 131,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 154.0850, 14.7481, 29.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 131, 184) }
```

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

```
.background{ background-color: rgb(188,  
131, 184) }
```

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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