

Converting Colors

YUV(154.4320, 35.2830,
23.3001)

Have a look what the booklet for
YUV(154.4320, 35.2830, 23.3001)
contains.

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Color

**YUV(154.4320, 35.2830,
23.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	B57FE2
RGB	181, 127, 226
RGB Percent	71%, 50%, 89%
CMY	0.2902, 0.5020, 0.1137
CMYK	0.20, 0.44, 0.00, 0.11
HSL	273°, 63%, 69%
HSV	273°, 44%, 89%
XYZ	40.3729, 30.4935, 75.7095
YIQ	154.4320, 0.4050, 42.2370

Conversions

Conversions Part 2

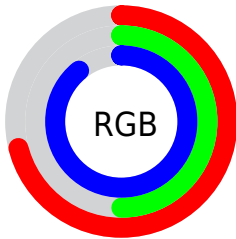
Format	Color
R_{YB}	181, 127, 226
Decimal	11894754
CIE _{Lab}	62.08, 39.31, -42.57
CIE _{LCh}	62, 57.945, 312.724
Yxy	30.4935, 0.2754, 0.2080
Android (android.graphics.Color)	4290084834 (0xFFB57FE2)
YUV	154.4320, 35.2830, 23.3001
Hunter-Lab	55.2209, 33.8676, -42.6337

Details

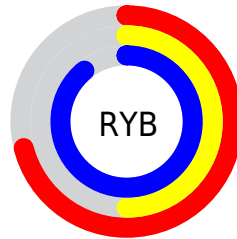
The YUV color **154.4320, 35.2830, 23.3001** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **198.5680, -35.2830, -23.3001**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4790, 23.9209, 27.6439**, and **101.6660, 33.6887, 21.3409** is the 20% darker color. If you saturate the color by 10%, you get **137.9410, 43.4131, 28.9927**, and if you desaturate by 10%, it is **170.9230, 27.1530, 17.6075**.

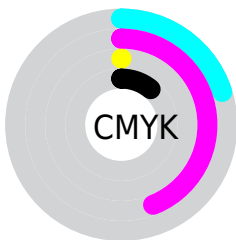
Distribution



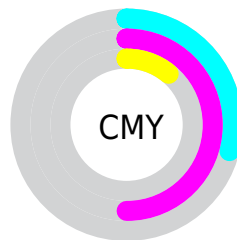
- Red (71%)
- Green (50%)
- Blue (89%)



- Red (71%)
- Yellow (50%)
- Blue (89%)



- Cyan (20%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4320, 35.2830, 23.3001 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 154.4320, 35.2830, 23.3001 by changing the saturation by 10% instead.

154.4320, 35.2830,
23.3001

154.4320, 35.2830,
23.3001

255.0000, 0.0000,
0.0000

127.6060, 34.7042,
22.2705

206.4790, 23.9209,
27.6439

101.6660, 33.6887,
21.3409

227.9980, 13.3120,
23.6808

76.4270, 32.8205,
19.7965

244.4340, 5.2090,
9.2664

51.6010, 32.2417,
18.7669

25.7150, 32.6785,
18.6669

14.9280, 26.1645,
7.9561

5.1300, 19.6559,

-4.4990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 154.4320, 35.2830,
23.3001

■ 154.4320, 35.2830,
23.3001

■ 137.9410, 43.4131,
28.9927

■ 170.9230, 27.1530,
17.6075

■ 121.7380, 51.4012,
33.5558

■ 187.1260, 19.1649,
13.0445

■ 105.2470, 59.5312,
39.2484

■ 203.6170, 11.0348,
7.3519

■ 89.3430, 67.3719,
44.4262

■ 219.5210, 3.1941,
2.1741

72.8520, 75.5020,
50.1188

236.0120, -4.9359,
-3.5185

62.5410, 80.5853,
53.0225

248.1060,
-10.8983, -4.4780

251.0960,
-12.3723, 1.6698

251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



142.9980, 53.2450, -44.7252



154.4320, 35.2830, 23.3001



151.7290, 14.9236, 66.8897

Triad

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



154.4320, 35.2830, 23.3001



146.1750, -48.8933, 48.9585



122.2190, 24.0490, -107.1861

Complementary

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



154.4320, 35.2830, 23.3001



198.5680, -35.2830, -23.3001

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.



115.0030, 1.4775, -100.8576



154.4320, 35.2830, 23.3001



141.7870, -50.6740, 13.3418

Square

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



154.4320, 35.2830, 23.3001



147.1070, -32.0978, 75.3282



135.0230, -32.0563, -31.5922



125.9300, 45.8835, -110.4406

Rectangle

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



154.4320, 35.2830, 23.3001



148.9900, -0.9811, 81.5698



135.0230, -32.0563, -31.5922



120.1670, 16.1867, -105.3865

Sweetspot

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



154.4320, 35.2830, 23.3001



231.1440, 11.7610, 7.7667



165.2880, 29.9310, -33.5786



112.6830, 7.5513, 4.6630



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.



154.4320, 35.2830, 23.3001



157.5160, 48.0596, 31.9965



167.5450, 27.3393, 51.2650



104.0480, 3.9203, 2.5889



48.7680, 62.7254, 41.4225



13.2460, 17.1337, 11.1853

Inverse Universe

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



161.7310, 5.0626, 56.3639



167.3190, 6.7447, 76.8962



185.4550, -27.3393, -51.2650



104.8590, 0.5625, 6.2627



61.7440, 9.0002, 100.2025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 154.4320, 35.2830, 23.3001 looks on a white background.

Color Contrast Check

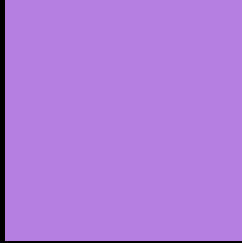
Large Text (above 18pt) WCAG AA × Fail

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 154.4320, 35.2830, 23.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

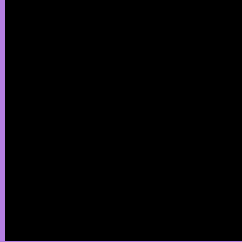
Any Text WCAG AA ✓ Pass

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 154.4320, 35.2830, 23.3001 Background



This preview shows how black text looks on a background with the YUV color 154.4320, 35.2830, 23.3001.



This preview shows how white text looks on a background with the YUV color 154.4320, 35.2830,

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

154.4320, 35.2830, 23.3001

Protanopia

147.5930, 47.5287, -31.2151

Deuteranopia

148.3520, 36.3085, -25.7417



Tritanopia

152.0280, 0.9722, 14.8844

Trichromacy



Original Color

154.4320, 35.2830, 23.3001

Protanomaly

150.1610, 42.8116, -11.5422

Deuteranomaly

150.6470, 35.6700, -7.5834

Tritanomaly

152.6660, 13.4757, 17.8329

Monochromacy



Original Color

154.4320, 35.2830, 23.3001

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0840, 12.7766, 8.6963

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4320, 35.2830, 23.3001 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(181, 127, 226)` looks like.

```
.text, #text, p{  
    color:rgb(181, 127, 226)  
}
```

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(181, 127, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 127, 226) }
```

Border

The CSS property to change the border of an element to YUV 154.4320, 35.2830, 23.3001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

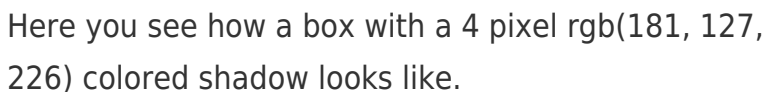
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 127, 226) }
```


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

```
.border{ border-color:rgb(181, 127, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 127, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 127, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 127, 226); box-shadow:4px 4px 4px 4px rgb(181, 127, 226) }
```

Background

The CSS property to change the background color of an element to YUV 154.4320, 35.2830, 23.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 127, 226) }
```

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

```
.background{ background-color: rgb(181,  
127, 226) }
```

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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