

Converting Colors

YUV(151.8680, 50.8441,
25.5488)

Have a look what the booklet for
YUV(151.8680, 50.8441, 25.5488)
contains.

YUV(151.8680, 50.8441, 25.5488)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.8680, 50.8441,
25.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	B575FF
RGB	181, 117, 255
RGB Percent	71%, 46%, 100%
CMY	0.2902, 0.5412, 0.0000
CMYK	0.29, 0.54, 0.00, 0.00
HSL	268°, 100%, 73%
HSV	268°, 54%, 100%
XYZ	43.4673, 29.7663, 98.0622
YIQ	151.8680, -6.1540, 56.4860

Conversions

Conversions Part 2

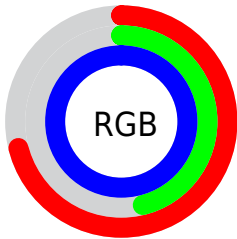
Format	Color
R_{YB}	181, 117, 255
Decimal	11892223
CIE _{Lab}	61.45, 51.38, -59.60
CIE _{LCh}	61, 78.691, 310.760
Yxy	29.7663, 0.2538, 0.1738
Android (android.graphics.Color)	4290082303 (0xFFB575FF)
YUV	151.8680, 50.8441, 25.5488
Hunter-Lab	54.5585, 46.7354, -68.3755

Details

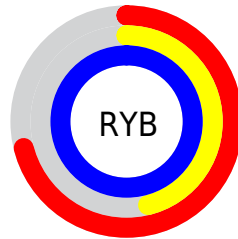
The YUV color **151.8680, 50.8441, 25.5488** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **220.1320, -50.8441, -25.5488**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2070, 26.5199, 34.0215**, and **97.6890, 48.9603, 23.0747** is the 20% darker color. If you saturate the color by 10%, you get **132.4200, 60.4319, 30.3267**, and if you desaturate by 10%, it is **171.3160, 41.2562, 20.7709**.

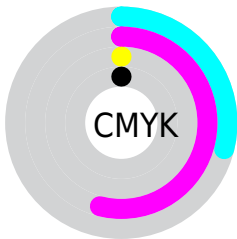
Distribution



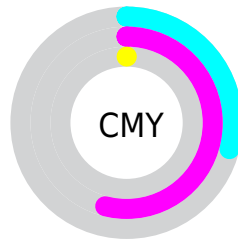
- Red (71%)
- Green (46%)
- Blue (100%)



- Red (71%)
- Yellow (46%)
- Blue (100%)



- Cyan (29%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8680, 50.8441, 25.5488 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 151.8680, 50.8441, 25.5488 by changing the saturation by 10% instead.

151.8680, 50.8441,
25.5488

151.8680, 50.8441,
25.5488

255.0000, 0.0000,
0.0000

124.6290, 49.9759,
24.0044

201.2070, 26.5199,
34.0215

97.6890, 48.9603,
23.0747

222.1280, 16.2059,
28.8287

71.5640, 48.5289,
21.4304

238.5640, 8.1029,
14.4144

42.2050, 49.6919,
21.7452

23.6890, 45.5093,
9.9197

10.3740, 39.7486,
-9.0980

7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 151.8680, 50.8441,
25.5488

■ 151.8680, 50.8441,
25.5488

■ 132.4200, 60.4319,
30.3267

■ 171.3160, 41.2562,
20.7709

■ 113.8580, 69.5830,
35.2045

■ 189.8780, 32.1051,
15.8930

■ 94.4100, 79.1709,
39.9824

■ 209.3260, 22.5173,
11.1151

■ 75.5490, 88.4693,
44.2455

■ 228.1870, 13.2188,
6.8520

■ 64.3520, 93.9895,
47.0493

■ 246.7490, 4.0677,
1.9741

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



116.5330, 68.2642, -102.1994



151.8680, 50.8441, 25.5488



143.4560, 25.9042, 91.6851

Triad

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



151.8680, 50.8441, 25.5488



139.1220, -68.5871, 65.6680



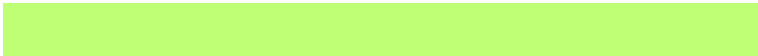
124.6810, 23.3283, -109.3452

Complementary

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



151.8680, 50.8441, 25.5488



220.1320, -50.8441, -25.5488

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.



114.5980, -7.6898, -100.5024



151.8680, 50.8441, 25.5488



136.4550, -67.2723, 17.1410

Square

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



151.8680, 50.8441, 25.5488



138.2630, -38.5837, 102.3783



123.9080, -51.2266, -42.8923



131.0310, 52.7357, -114.9142

Rectangle

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



151.8680, 50.8441, 25.5488



132.0870, 8.8311, 107.7947



123.9080, -51.2266, -42.8923



121.9450, 12.8451, -106.9458

Sweetspot

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



151.8680, 50.8441, 25.5488



224.3550, 15.1080, 7.5817



177.3440, 38.2844, -52.9217



109.4380, 9.1511, 4.8779



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.



151.8680, 50.8441, 25.5488



130.9470, 61.1581, 30.7415



171.9010, 40.9678, 66.7388



118.2760, 4.7939, 2.3889



48.3850, 70.3092, 35.6194



16.2660, 23.5329, 12.0447

Inverse Universe

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



166.6980, 11.9809, 77.4409



148.7800, 14.4055, 93.1549



200.0990, -40.9678, -66.7388



119.6850, 1.1413, 7.2923



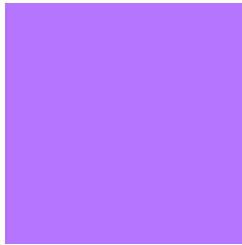
68.8510, 16.8355, 107.1247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 151.8680, 50.8441, 25.5488 looks on a white background.

Color Contrast Check

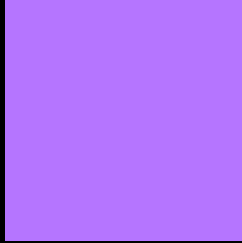
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.8680, 50.8441, 25.5488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

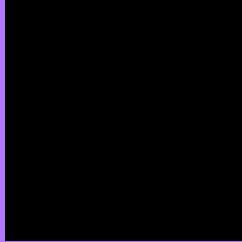
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.8680, 50.8441, 25.5488

Background



This preview shows how black text looks on a background with the YUV color 151.8680, 50.8441, 25.5488.



This preview shows how white text looks on a background with the YUV color 151.8680, 50.8441,

25.5488.

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

151.8680, 50.8441, 25.5488

Protanopia

143.7860, 54.8285, -39.2773

Deuteranopia

139.6550, 53.4141, -52.3174



Tritanopia

149.9350, 2.0040, 10.5810

Trichromacy



Original Color

151.8680, 50.8441, 25.5488



Protanomaly

146.8860, 53.3002, -15.6860



Deuteranomaly

144.0160, 52.7431, -23.6930



Tritanomaly

150.9630, 19.7382, 15.8184

Monochromacy



Original Color

151.8680, 50.8441, 25.5488



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.8760, 18.3021, 9.7557

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8680, 50.8441, 25.5488 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, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 255)  
}
```

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, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.8680, 50.8441, 25.5488 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, 117, 255) }
```


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

```
.border{ border-color:rgb(181, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.8680, 50.8441, 25.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 255) }
```

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

```
.background{ background-color: rgb(181,  
117, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor