

Converting Colors

YUV(151.1710, 51.1877, 8.6200)

Have a look what the booklet for
YUV(151.1710, 51.1877, 8.6200)
contains.

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Color

**YUV(151.1710, 51.1877,
8.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	A17EFF
RGB	161, 126, 255
RGB Percent	63%, 49%, 100%
CMY	0.3686, 0.5059, 0.0000
CMYK	0.37, 0.51, 0.00, 0.00
HSL	256°, 100%, 75%
HSV	256°, 51%, 100%
XYZ	40.2088, 29.7188, 98.2248
YIQ	151.1710, -20.5490, 47.5390

Conversions

Conversions Part 2

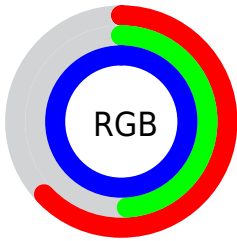
Format	Color
RYB	161, 126, 255
Decimal	10583807
CIELab	61.41, 41.68, -59.78
CIElCh	61, 72.876, 304.883
Yxy	29.7188, 0.2391, 0.1767
Android (android.graphics.Color)	4288773887 (0xFFA17EFF)
YUV	151.1710, 51.1877, 8.6200
Hunter-Lab	54.5149, 36.2558, -68.6681

Details

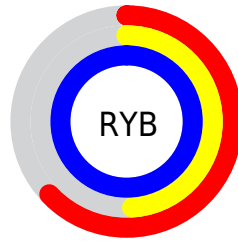
The YUV color **151.1710, 51.1877, 8.6200** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **229.8290, -51.1877, -8.6200**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6240, 27.3004, 16.9928**, and **98.1660, 48.7252, 5.1164** is the 20% darker color. If you saturate the color by 10%, you get **130.8150, 61.2232, 9.8092**, and if you desaturate by 10%, it is **172.1140, 40.8628, 6.9160**.

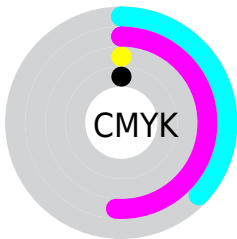
Distribution



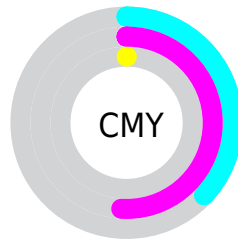
- Red (63%)
- Green (49%)
- Blue (100%)



- Red (63%)
- Yellow (49%)
- Blue (100%)



- Cyan (37%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1710, 51.1877, 8.6200 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 151.1710, 51.1877, 8.6200 by changing the saturation by 10% instead.

■ 151.1710, 51.1877,
8.6200

■ 151.1710, 51.1877,
8.6200

■ 255.0000, 0.0000,
0.0000

■ 123.9320, 50.3195,
7.0756

■ 199.6240, 27.3004,
16.9928

■ 98.1660, 48.7252,
5.1164

■ 225.0300, 14.7752,
21.0217

■ 72.3290, 48.1518,
2.3425

■ 243.8470, 5.4984,
9.7812

■ 46.1820, 47.7313,
-2.7906

■ 16.1590, 49.2216,
-14.1714

■ 10.3740, 39.7486,
-9.0980

■ 9.2850, 27.9605,

-8.1429

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 151.1710, 51.1877,
8.6200

■ 151.1710, 51.1877,
8.6200

■ 130.8150, 61.2232,
9.8092

■ 172.1140, 40.8628,
6.9160

■ 110.1710, 71.4007,
12.1280

■ 192.1710, 30.9747,
5.1120

■ 89.2280, 81.7256,
13.8320

■ 213.1140, 20.6498,
3.4080

■ 69.1710, 91.6137,
15.6360

■ 233.1710, 10.7617,
1.6040

■ 49.7010, 101.2124,
16.9252

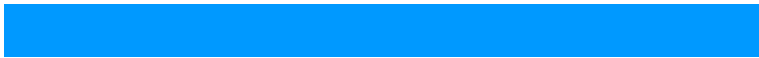
254.1140, 0.4368,
-0.1000

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.



118.8810, 67.1067, -104.2586



151.1710, 51.1877, 8.6200



148.1010, 27.5582, 74.4564

Triad

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



151.1710, 51.1877, 8.6200



140.0500, -62.6356, 70.1162



121.7970, 17.3551, -106.8160

Complementary

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



151.1710, 51.1877, 8.6200



229.8290, -51.1877, -8.6200

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.



112.3980, -11.0422, -98.5730



151.1710, 51.1877, 8.6200



137.6950, -67.8836, 26.5775

Square

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



151.1710, 51.1877, 8.6200



140.0160, -30.5739, 99.9640



129.4480, -53.4649, -24.9489



128.5060, 45.5995, -112.6998

Rectangle

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



151.1710, 51.1877, 8.6200



141.0860, 10.3106, 99.9026



129.4480, -53.4649, -24.9489



119.2890, 7.7455, -104.6165

Sweetspot

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



151.1710, 51.1877, 8.6200



224.3220, 15.1243, 2.3486



196.4710, 28.8548, -61.8031



109.4160, 9.1619, 1.3892



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.



151.1710, 51.1877, 8.6200



129.6410, 61.8020, 10.8388



170.3070, 41.7536, 47.9658



117.3790, 5.2362, 0.5446



37.3220, 75.7633, 12.8726



12.3790, 25.4492, 4.0526

Inverse Universe

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



175.2870, 22.0435, 69.9083



158.6400, 26.7995, 84.5077



210.6930, -41.7536, -47.9658



119.9130, 2.0149, 7.0923



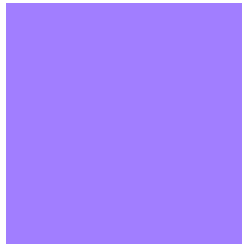
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 151.1710, 51.1877, 8.6200 looks on a white background.

Color Contrast Check

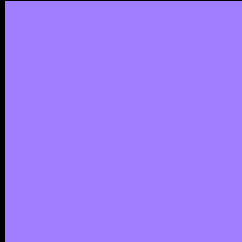
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.1710, 51.1877, 8.6200 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 151.1710, 51.1877, 8.6200

Background



This preview shows how black text looks on a background with the YUV color 151.1710, 51.1877, 8.6200.



This preview shows how white text looks on a background with the YUV color 151.1710, 51.1877, 8.6200.

8.6200.

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

151.1710, 51.1877, 8.6200

Protanopia

143.7860, 54.8285, -39.2773

Deuteranopia

138.9860, 54.7299, -54.3617



Tritanopia

147.6770, 6.5682, -6.7327

Trichromacy



Original Color

151.1710, 51.1877, 8.6200

Protanomaly

146.5540, 53.4639, -21.5339

Deuteranomaly

143.7870, 53.3490, -31.3852

Tritanomaly

149.2490, 22.5552, -1.0954

Monochromacy



Original Color

151.1710, 51.1877, 8.6200

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.2450, 18.6132, 3.2931

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1710, 51.1877, 8.6200 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(161, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 126, 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(161, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 126, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.1710, 51.1877, 8.6200 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(161, 126, 255) }
```


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

```
.border{ border-color:rgb(161, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 126,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.1710, 51.1877, 8.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 126, 255) }
```

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

```
.background{ background-color: rgb(161,  
126, 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](#).

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