

Converting Colors

YUV(152.6510, 49.9651,
27.4931)

Have a look what the booklet for
YUV(152.6510, 49.9651, 27.4931)
contains.

YUV(152.6510, 49.9651, 27.4931)	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(152.6510, 49.9651,
27.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	B875FE
RGB	184, 117, 254
RGB Percent	72%, 46%, 100%
CMY	0.2784, 0.5412, 0.0039
CMYK	0.28, 0.54, 0.00, 0.00
HSL	269°, 99%, 73%
HSV	269°, 54%, 100%
XYZ	44.0178, 30.0687, 97.2498
YIQ	152.6510, -4.0450, 56.8110

Conversions

Conversions Part 2

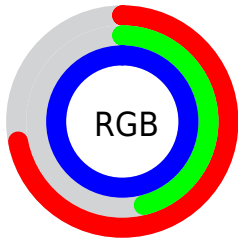
Format	Color
RYB	184, 117, 254
Decimal	12088830
CIELab	61.71, 51.87, -58.62
CIELCh	62, 78.273, 311.505
Yxy	30.0687, 0.2569, 0.1755
Android (android.graphics.Color)	4290278910 (0xFFB875FE)
YUV	152.6510, 49.9651, 27.4931
Hunter-Lab	54.8349, 47.3269, -66.7664

Details

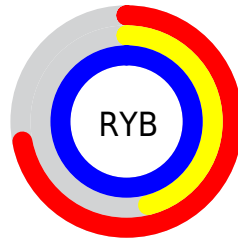
The YUV color $152.6510, 49.9651, 27.4931$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $218.3490, -49.9651, -27.4931$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.1040, 26.0777, 35.8658$, and $98.4720, 48.0813, 25.0191$ is the 20% darker color. If you saturate the color by 10%, you get $134.0890, 59.1161, 32.3709$, and if you desaturate by 10%, it is $171.2130, 40.8140, 22.6152$.

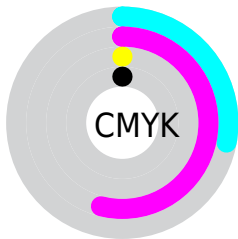
Distribution



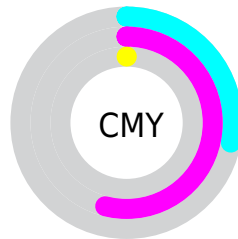
- Red (72%)
- Green (46%)
- Blue (100%)



- Red (72%)
- Yellow (46%)
- Blue (100%)



- Cyan (28%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6510, 49.9651, 27.4931 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 152.6510, 49.9651, 27.4931 by changing the saturation by 10% instead.

152.6510, 49.9651,
27.4931

152.6510, 49.9651,
27.4931

255.0000, 0.0000,
0.0000

125.4120, 49.0969,
25.9487

202.1040, 26.0777,
35.8658

98.4720, 48.0813,
25.0191

222.1280, 16.2059,
28.8287

71.7600, 47.9393,
23.8895

239.1510, 7.8136,
13.8996

41.8140, 49.3917,
24.7191

25.0700, 44.3355,
13.0936

11.1570, 38.8696,
-7.1537

7.5240, 28.8287,

-6.5985

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 152.6510, 49.9651,
27.4931

■ 152.6510, 49.9651,
27.4931

■ 134.0890, 59.1161,
32.3709

■ 171.2130, 40.8140,
22.6152

■ 114.9400, 68.5566,
37.7636

■ 190.3620, 31.3735,
17.2225

■ 96.3780, 77.7076,
42.6415

■ 208.9240, 22.2225,
12.3447

■ 77.2290, 87.1481,
48.0342

■ 228.0730, 12.7820,
6.9520

66.0320, 92.6682,
50.8379

246.6350, 3.6309,
2.0741

254.8860, -0.4368,
0.1000

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



152.6510, 49.9651, 27.4931



144.5270, 24.8832, 92.4998

Triad

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



152.6510, 49.9651, 27.4931



140.2960, -69.1659, 64.6384



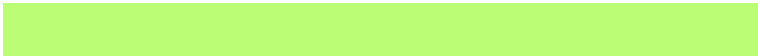
125.6100, 24.3493, -110.1600

Complementary

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



152.6510, 49.9651, 27.4931



218.3490, -49.9651, -27.4931

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.



115.5270, -6.6688, -101.3172



152.6510, 49.9651, 27.4931



136.7430, -67.4143, 16.0114

Square

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



152.6510, 49.9651, 27.4931



139.3230, -39.5992, 101.4487



124.1790, -48.8952, -44.0070



131.8460, 53.3199, -115.6289

Rectangle

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



152.6510, 49.9651, 27.4931



133.1470, 7.8155, 106.8651



124.1790, -48.8952, -44.0070



122.8740, 13.8661, -107.7605

Sweetspot

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



152.6510, 49.9651, 27.4931



224.6540, 14.9606, 8.1964



174.2950, 39.2946, -50.2477



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.



152.6510, 49.9651, 27.4931



132.1430, 60.5685, 33.2006



172.9830, 39.9414, 69.2979



118.2760, 4.7939, 2.3889



49.8800, 69.5722, 38.6932



16.5650, 23.3855, 12.6595

Inverse Universe

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



165.9430, 10.3811, 77.2260



148.3240, 12.6583, 93.5549



198.0170, -39.9414, -69.2979



119.5710, 0.7045, 7.3922



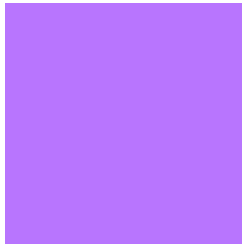
68.2810, 14.6515, 107.6246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 152.6510, 49.9651, 27.4931 looks on a white background.

Color Contrast Check

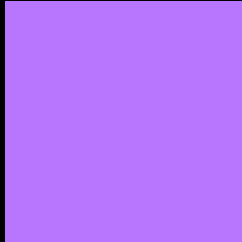
Large Text (above 18pt) WCAG AA × Fail

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 152.6510, 49.9651, 27.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

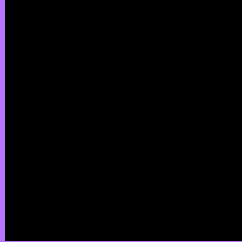
Any Text WCAG AA ✓ Pass

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 152.6510, 49.9651, 27.4931 Background



This preview shows how black text looks on a background with the YUV color 152.6510, 49.9651, 27.4931.



This preview shows how white text looks on a background with the YUV color 152.6510, 49.9651, 27.4931.

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

152.6510, 49.9651, 27.4931

Protanopia

144.9710, 54.2443, -38.5626

Deuteranopia

141.6230, 51.9509, -49.6584



Tritanopia

151.1310, 1.4144, 13.0401

Trichromacy



Original Color

152.6510, 49.9651, 27.4931



Protanomaly

147.4840, 53.0054, -14.4565



Deuteranomaly

145.6850, 51.4273, -21.6487



Tritanomaly

152.0450, 18.7118, 18.3775

Monochromacy



Original Color

152.6510, 49.9651, 27.4931



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.8760, 18.3021, 9.7557

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6510, 49.9651, 27.4931 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(184, 117, 254)` looks like.

```
.text, #text, p{  
    color:rgb(184, 117, 254)  
}
```

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(184, 117, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 117, 254) }
```

Border

The CSS property to change the border of an element to YUV 152.6510, 49.9651, 27.4931 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(184, 117, 254) }
```


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

```
.border{ border-color:rgb(184, 117, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 117, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 117, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 117, 254);  
box-shadow:4px 4px 4px 4px rgb(184, 117,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 152.6510, 49.9651, 27.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 117, 254) }
```

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

```
.background{ background-color: rgb(184,  
117, 254) }
```

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