

Converting Colors

YUV(159.1410, 46.7655,
27.0633)

Have a look what the booklet for
YUV(159.1410, 46.7655, 27.0633)
contains.

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Color

**YUV(159.1410, 46.7655,
27.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7DFE
RGB	190, 125, 254
RGB Percent	75%, 49%, 100%
CMY	0.2549, 0.5098, 0.0039
CMYK	0.25, 0.51, 0.00, 0.00
HSL	270°, 98%, 74%
HSV	270°, 51%, 100%
XYZ	46.4582, 32.7701, 97.6426
YIQ	159.1410, -2.6690, 53.8990

Conversions

Conversions Part 2

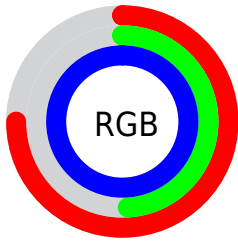
Format	Color
R _{YB}	190, 125, 254
Decimal	12484094
CIE Lab	63.97, 49.15, -54.98
CIE LCh	64, 73.743, 311.793
Yxy	32.7701, 0.2627, 0.1853
Android (android.graphics.Color)	4290674174 (0xFFBE7DFE)
YUV	159.1410, 46.7655, 27.0633
Hunter-Lab	57.2452, 44.6853, -61.0587

Details

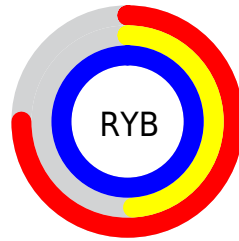
The YUV color **159.1410, 46.7655, 27.0633** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **219.8590, -46.7655, -27.0633**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5940, 22.8782, 35.4361**, and **105.0760, 45.3185, 24.4893** is the 20% darker color. If you saturate the color by 10%, you get **140.5790, 55.9166, 31.9412**, and if you desaturate by 10%, it is **177.7030, 37.6144, 22.1855**.

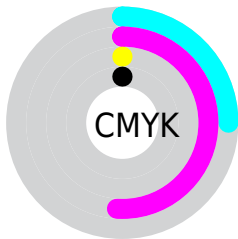
Distribution



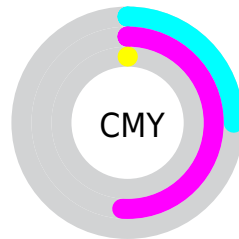
- Red (75%)
- Green (49%)
- Blue (100%)



- Red (75%)
- Yellow (49%)
- Blue (100%)



- Cyan (25%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.1410, 46.7655, 27.0633 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 159.1410, 46.7655, 27.0633 by changing the saturation by 10% instead.

 159.1410, 46.7655,
27.0633


 159.1410, 46.7655,
27.0633


255.0000, 0.0000,
0.0000

 131.9020, 45.8973,
25.5189


 208.5940, 22.8782,
35.4361


 105.0760, 45.3185,
24.4893


 226.8240, 13.8908,
24.7104

 78.8370, 44.4504,
22.9450

 243.8470, 5.4984,
9.7812

 51.8370, 44.4504,
22.9450

 27.8750, 43.4456,
18.5266

 15.3430, 36.8059,
1.4532

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 159.1410, 46.7655,
27.0633

■ 159.1410, 46.7655,
27.0633

■ 140.5790, 55.9166,
31.9412

■ 177.7030, 37.6144,
22.1855

■ 121.7290, 65.2096,
37.9487

■ 196.5530, 28.3214,
16.1780

■ 103.1670, 74.3607,
42.8265

■ 215.1150, 19.1703,
11.3001

■ 84.3170, 83.6537,
48.8340

■ 233.9650, 9.8773,
5.2927

■ 67.2280, 92.0786,
53.2970

■ 252.5270, 0.7262,
0.4148

■ 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.



129.0360, 62.1003, -85.1006



159.1410, 46.7655, 27.0633



153.0980, 22.1367, 86.7371

Triad

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



159.1410, 46.7655, 27.0633



145.6010, -71.7813, 63.4939



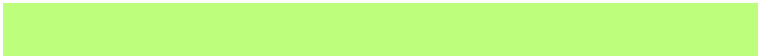
129.1150, 25.0863, -113.2339

Complementary

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



159.1410, 46.7655, 27.0633



219.8590, -46.7655, -27.0633

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.



119.4880, -4.1846, -104.7910



159.1410, 46.7655, 27.0633



142.3580, -70.1825, 17.2260

Square

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



159.1410, 46.7655, 27.0633



147.0340, -37.9778, 94.6862



133.5690, -43.6645, -41.7180



135.0090, 52.7466, -118.4029

Rectangle

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



159.1410, 46.7655, 27.0633



143.1090, 5.3693, 98.1284



133.5690, -43.6645, -41.7180



126.4930, 15.0400, -110.9344

Sweetspot

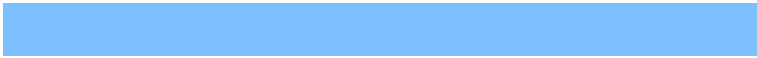
The Sweet Spot groups the original color and five complimentary colors.



159.1410, 46.7655, 27.0633



227.0130, 13.7976, 7.8816



177.8610, 37.5365, -46.3591



110.9110, 8.4249, 4.4631



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.



159.1410, 46.7655, 27.0633



140.4050, 56.4953, 32.9708



178.2770, 37.3314, 66.4091



118.2760, 4.7939, 2.3889



50.4780, 69.2773, 39.9228



16.8640, 23.2380, 13.2743

Inverse Universe

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



170.8670, 8.9396, 72.9076



154.5360, 11.0748, 88.1069



200.7230, -37.3314, -66.4091



119.5710, 0.7045, 7.3922



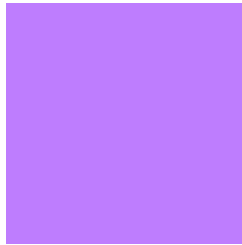
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 159.1410, 46.7655, 27.0633 looks on a white background.

Color Contrast Check

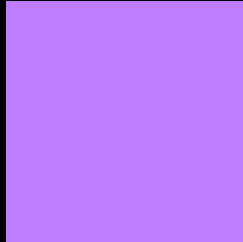
Large Text (above 18pt) WCAG AA × Fail

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 159.1410, 46.7655, 27.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

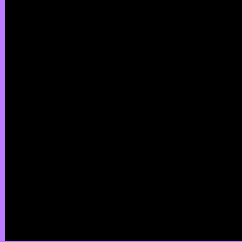
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.1410, 46.7655, 27.0633

Background



This preview shows how black text looks on a background with the YUV color 159.1410, 46.7655, 27.0633.



This preview shows how white text looks on a background with the YUV color 159.1410, 46.7655, 27.0633.

27.0633.

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

159.1410, 46.7655, 27.0633

Protanopia

152.0810, 50.7391, -34.2740

Deuteranopia

149.7550, 48.4348, -41.8811



Tritanopia

156.8430, 1.5564, 14.1697

Trichromacy



Original Color

159.1410, 46.7655, 27.0633



Protanomaly

154.5830, 49.5056, -11.9123



Deuteranomaly

153.0940, 47.7747, -16.7454



Tritanomaly

157.8170, 17.8382, 18.5775

Monochromacy



Original Color

159.1410, 46.7655, 27.0633



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2350, 17.1391, 9.4409

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1410, 46.7655, 27.0633 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(190, 125, 254)` looks like.

```
.text, #text, p{  
    color:rgb(190, 125, 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(190, 125, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 125, 254) }
```

Border

The CSS property to change the border of an element to YUV 159.1410, 46.7655, 27.0633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

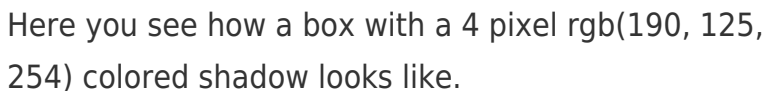
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 125, 254) }
```


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

```
.border{ border-color:rgb(190, 125, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 125, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 125, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 125, 254); box-shadow:4px 4px 4px 4px rgb(190, 125, 254) }
```

Background

The CSS property to change the background color of an element to YUV 159.1410, 46.7655, 27.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 125, 254) }
```

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

```
.background{ background-color: rgb(190,  
125, 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](#).

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