

Converting Colors

YUV(128.5540, 60.3659, 4.7761)

Have a look what the booklet for
YUV(128.5540, 60.3659, 4.7761)
contains.

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Color

**YUV(128.5540, 60.3659,
4.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	8666FB
RGB	134, 102, 251
RGB Percent	53%, 40%, 98%
CMY	0.4745, 0.6000, 0.0157
CMYK	0.47, 0.59, 0.00, 0.02
HSL	253°, 95%, 69%
HSV	253°, 59%, 98%
XYZ	31.9955, 21.5361, 93.7373
YIQ	128.5540, -28.7570, 53.1230

Conversions

Conversions Part 2

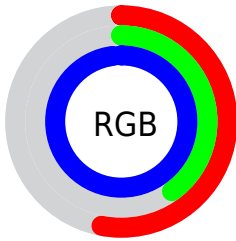
Format	Color
RYB	134, 102, 251
Decimal	8808187
CIELab	53.53, 48.12, -70.38
CIELCh	54, 85.254, 304.359
Yxy	21.5361, 0.2173, 0.1462
Android (android.graphics.Color)	4286998267 (0xFF8666FB)
YUV	128.5540, 60.3659, 4.7761
Hunter-Lab	46.4070, 41.8552, -87.2747

Details

The YUV color **128.5540, 60.3659, 4.7761** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **224.4460, -60.3659, -4.7761**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4740, 38.2203, 14.4933**, and **74.6410, 58.3510, -2.3162** is the 20% darker color. If you saturate the color by 10%, you get **107.8990, 70.5488, 5.3506**, and if you desaturate by 10%, it is **149.2090, 50.1830, 4.2017**.

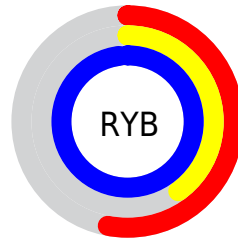
Distribution



Red (53%)

Green (40%)

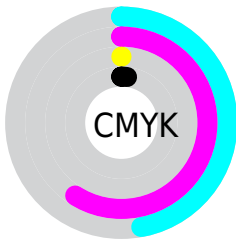
Blue (98%)



Red (53%)

Yellow (40%)

Blue (98%)

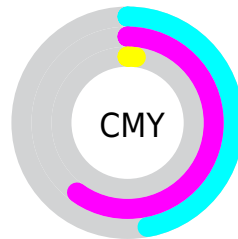


Cyan (47%)

Magenta (59%)

Yellow (0%)

Black (2%)



Cyan (47%)


Magenta (60%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.5540, 60.3659, 4.7761 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 128.5540, 60.3659, 4.7761 by changing the saturation by 10% instead.


 128.5540, 60.3659,
4.7761


 128.5540, 60.3659,
4.7761


255.0000, 0.0000,
0.0000


 101.6030, 59.3557,
2.1022


 177.4740, 38.2203,
14.4933


 74.6410, 58.3510,
-2.3162


 202.2930, 25.9846,
19.0370


 46.1130, 59.1043,
-10.6231

 227.6990, 13.4594,
23.0660

 18.0800, 59.1206,
-15.8562

 245.0210, 4.9196,
8.7516

 12.7680, 48.9214,
-11.1975

 9.9180, 38.0014,
-8.6981

 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 128.5540, 60.3659,
4.7761

■ 128.5540, 60.3659,
4.7761

■ 107.8990, 70.5488,
5.3506

■ 149.2090, 50.1830,
4.2017

■ 87.5430, 80.5843,
6.5398

■ 169.5650, 40.1475,
3.0125

■ 66.8880, 90.7672,
7.1142

■ 190.2200, 29.9645,
2.4381

■ 46.2330, 100.9501,
7.6887

■ 210.8750, 19.7816,
1.8636

■ 44.7600, 101.6763,
8.1035

■ 232.1170, 9.3093,
0.7744

■ 252.4730, -0.7262,
-0.4148

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



108.3150, 72.3157, -94.9923



128.5540, 60.3659, 4.7761



117.4310, 37.2555, 90.8300

Triad

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



128.5540, 60.3659, 4.7761



119.1090, -58.7207, 74.4494



108.3640, 14.1175, -95.0352

Complementary

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



128.5540, 60.3659, 4.7761



224.4460, -60.3659, -4.7761

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.



97.5970, -19.5213, -85.5926



128.5540, 60.3659, 4.7761



119.3770, -58.8529, 23.3484

Square

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



128.5540, 60.3659, 4.7761



108.1800, -29.1757, 118.2371



105.1370, -51.8325, -35.2001



116.6860, 46.0038, -102.3336

Rectangle

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



128.5540, 60.3659, 4.7761



90.3830, 26.9262, 137.3531



105.1370, -51.8325, -35.2001



104.8130, 3.0502, -91.9210

Sweetspot

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



128.5540, 60.3659, 4.7761



217.2340, 18.6186, 1.5488



188.8390, 30.6454, -76.1578



104.1000, 11.7827, 0.7893



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.



128.5540, 60.3659, 4.7761



106.2950, 73.3116, 5.8803



150.0820, 49.7526, 49.0401



114.3790, 5.2362, 0.5446



33.8050, 76.5111, 6.3100



10.8410, 24.7284, 1.8934

Inverse Universe

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



159.8890, 29.1417, 79.9043



144.3070, 35.3446, 97.0778



202.9180, -49.7526, -49.0401



117.0270, 2.4517, 6.9923



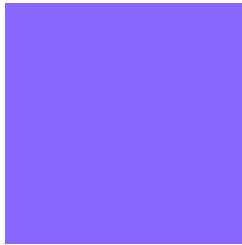
73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 128.5540, 60.3659, 4.7761 looks on a white background.

Color Contrast Check

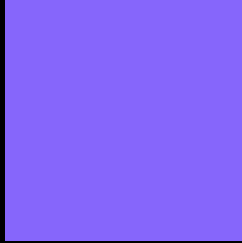
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5540, 60.3659, 4.7761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

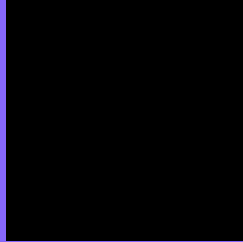
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.5540, 60.3659, 4.7761

Background



This preview shows how black text looks on a background with the YUV color 128.5540, 60.3659, 4.7761.



This preview shows how white text looks on a background with the YUV color 128.5540, 60.3659, 4.7761.

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

128.5540, 60.3659, 4.7761

Protanopia

112.3340, 70.3343, -66.0679

Deuteranopia

102.3020, 61.9691, -89.7189



Tritanopia

125.0670, 8.3480, -17.5988

Trichromacy



Original Color

128.5540, 60.3659, 4.7761



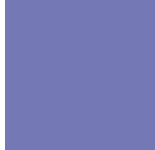
Protanomaly

117.9890, 67.0534, -40.3324



Deuteranomaly

111.9950, 61.1345, -55.2466



Tritanomaly

126.4590, 27.3817, -9.1725

Monochromacy



Original Color

128.5540, 60.3659, 4.7761



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.7440, 21.8182, 1.9785

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5540, 60.3659, 4.7761 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(134, 102, 251)` looks like.

```
.text, #text, p{  
    color:rgb(134, 102, 251)  
}
```

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(134, 102, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 102, 251) }
```

Border

The CSS property to change the border of an element to YUV 128.5540, 60.3659, 4.7761 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(134, 102, 251) }
```


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

```
.border{ border-color:rgb(134, 102, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 102, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 102, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 102, 251);  
box-shadow:4px 4px 4px 4px rgb(134, 102,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 128.5540, 60.3659, 4.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 102, 251) }
```

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

```
.background{ background-color: rgb(134,  
102, 251) }
```

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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