

Converting Colors

YUV(135.0370, 54.2118,
-28.0964)

Have a look what the booklet for
YUV(135.0370, 54.2118, -28.0964)
contains.

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Color

**YUV(135.0370, 54.2118,
-28.0964)**

Conversions

Conversions Part 1	
Format	Color
Hex	6782F5
RGB	103, 130, 245
RGB Percent	40%, 51%, 96%
CMY	0.5961, 0.4902, 0.0392
CMYK	0.58, 0.47, 0.00, 0.04
HSL	229°, 88%, 68%
HSV	229°, 58%, 96%
XYZ	30.0576, 25.4414, 89.7127
YIQ	135.0370, -53.0070, 30.0410

Conversions

Conversions Part 2

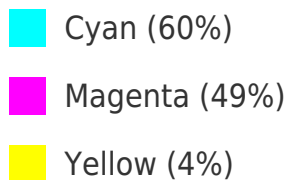
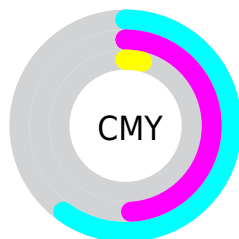
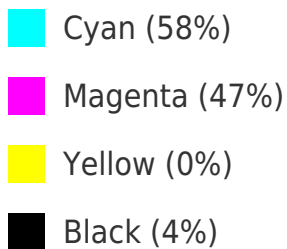
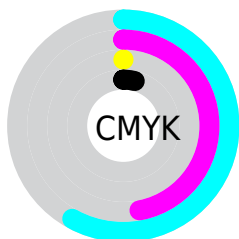
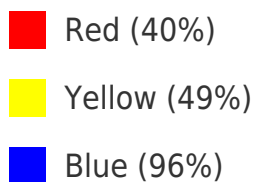
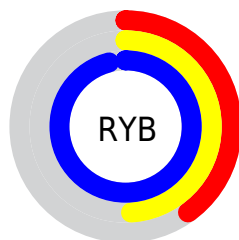
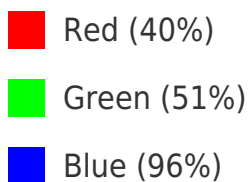
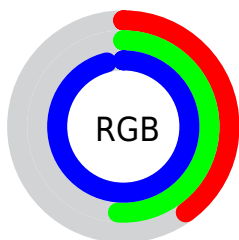
Format	Color
RYB	103, 126, 245
Decimal	6783733
CIELab	57.50, 23.83, -60.77
CIELCh	58, 65.272, 291.410
Yxy	25.4414, 0.2070, 0.1752
Android (android.graphics.Color)	4284973813 (0xFF6782F5)
YUV	135.0370, 54.2118, -28.0964
Hunter-Lab	50.4395, 18.1016, -70.1468

Details

The YUV color **135.0370, 54.2118, -28.0964** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **212.9630, -54.2118, 28.0964**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5270, 34.2502, -18.8792**, and **77.6500, 54.4025, -42.6661** is the 20% darker color. If you saturate the color by 10%, you get **116.1210, 63.5373, -32.5551**, and if you desaturate by 10%, it is **154.2520, 44.7388, -23.0230**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 135.0370, 54.2118, -28.0964 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 135.0370, 54.2118, -28.0964 by changing the saturation by 10% instead.


 135.0370, 54.2118,
-28.0964


 135.0370, 54.2118,
-28.0964


255.0000, 0.0000,
0.0000

 107.1890, 53.6438,
-32.6148


 185.5270, 34.2502,
-18.8792

 77.6500, 54.4025,
-42.6661


 210.3460, 22.0144,
-14.3354


 52.8730, 52.8136,
-46.3696

 235.7520, 9.4893,
-10.3065

 37.5820, 47.5341,
-32.9594

254.7010, 0.1474,
-0.6148

 24.0520, 41.3864,
-21.0936

 10.0490, 35.9648,
-8.8130

 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 135.0370, 54.2118,
-28.0964

■ 135.0370, 54.2118,
-28.0964

■ 116.1210, 63.5373,
-32.5551

■ 154.2520, 44.7388,
-23.0230

■ 96.9060, 73.0103,
-37.6286

■ 173.1680, 35.4132,
-18.5643

■ 77.9900, 82.3359,
-42.0872

■ 192.3830, 25.9402,
-13.4909

■ 59.3620, 91.5195,
-47.6755

■ 210.7120, 16.9040,
-8.5174

■ 55.5190, 93.4141,
-48.6902

■ 229.9270, 7.4310,
-3.4440

■ 248.8430, -1.8946,
1.0147

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



116.6640, 66.2276, -102.3143



135.0370, 54.2118, -28.0964



141.7980, 33.6236, 42.2732

Triad

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



135.0370, 54.2118, -28.0964



133.1750, -41.9913, 75.2685



109.2470, 4.8082, -95.8096

Complementary

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



135.0370, 54.2118, -28.0964



212.9630, -54.2118, 28.0964

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.



113.8670, -25.5704, -58.6424



135.0370, 54.2118, -28.0964



129.8310, -64.0067, 43.1212

Square

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



135.0370, 54.2118, -28.0964



131.5820, -15.5699, 94.2056



123.9630, -61.1138, 1.7864



116.5600, 30.2899, -102.2231

Rectangle

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



135.0370, 54.2118, -28.0964



137.5110, 18.9751, 74.0969



123.9630, -61.1138, 1.7864



106.3800, -3.6383, -93.2953

Sweetspot

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



135.0370, 54.2118, -28.0964



221.5980, 16.4672, -8.4174



199.3500, 8.7015, -84.4989



107.8990, 9.9098, -5.1734



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.



135.0370, 54.2118, -28.0964



116.6630, 68.2001, -34.7845



132.0450, 55.6868, 12.2385



112.5420, 4.6628, -2.2293



41.7490, 71.1157, -36.6139



13.1830, 22.5878, -11.5615

Inverse Universe

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



148.5360, -9.1382, 84.5989



133.9840, -11.8241, 106.1310



215.9550, -55.6868, -12.2385



113.8160, -0.8953, 7.1774



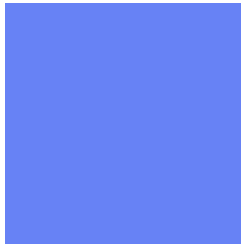
59.6040, -12.1298, 110.8493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 135.0370, 54.2118, -28.0964 looks on a white background.

Color Contrast Check

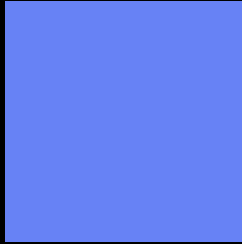
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0370, 54.2118, -28.0964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

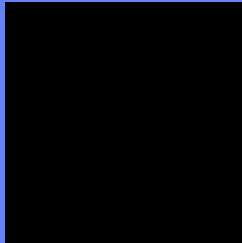
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.0370, 54.2118, -28.0964

Background



This preview shows how black text looks on a background with the YUV color 135.0370, 54.2118, -28.0964.



This preview shows how white text looks on a background with the YUV color 135.0370, 54.2118, -28.0964.

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

135.0370, 54.2118, -28.0964

Protanopia

131.2630, 58.0443, -44.0807

Deuteranopia

122.4510, 59.4307, -68.8015



Tritanopia

126.4480, 17.0341, -50.3819

Trichromacy



Original Color
135.0370, 54.2118, -28.0964

Protanomaly
132.9540, 56.7177, -38.5477

Deuteranomaly
127.0830, 57.6401, -54.4468

Tritanomaly
129.4610, 30.8317, -42.5003

Monochromacy



Original Color
135.0370, 54.2118, -28.0964

Achromatopsia
135.0000, 0.0000, 0.0000

Achromatomaly
134.7980, 19.8196, -10.3468

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0370, 54.2118, -28.0964 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(103, 130, 245)` looks like.

```
.text, #text, p{  
    color:rgb(103, 130, 245)  
}
```

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(103, 130, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 130, 245) }
```

Border

The CSS property to change the border of an element to YUV 135.0370, 54.2118, -28.0964 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(103, 130, 245) }
```


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

```
.border{ border-color:rgb(103, 130, 245) }
```

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

Here you see how a box with a 4 pixel rgb(103, 130, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 130, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 130, 245);  
box-shadow:4px 4px 4px 4px rgb(103, 130,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 135.0370, 54.2118, -28.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 130, 245) }
```

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

```
.background{ background-color: rgb(103,  
130, 245) }
```

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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