

Converting Colors

YUV(138.7000, 55.3639,
-24.2929)

Have a look what the booklet for
YUV(138.7000, 55.3639, -24.2929)
contains.

YUV(138.7000, 55.3639, -24.2929)	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(138.7000, 55.3639,
-24.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	6F83FB
RGB	111, 131, 251
RGB Percent	44%, 51%, 98%
CMY	0.5647, 0.4863, 0.0157
CMYK	0.56, 0.48, 0.00, 0.02
HSL	231°, 95%, 71%
HSV	231°, 56%, 98%
XYZ	32.0844, 26.5771, 94.7057
YIQ	138.7000, -50.4400, 33.0800

Conversions

Conversions Part 2

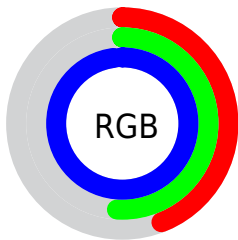
Format	Color
R_{YB}	111, 129, 251
Decimal	7308283
CIE _{Lab}	58.58, 26.67, -62.33
CIE _{LCh}	59, 67.792, 293.168
Yxy	26.5771, 0.2092, 0.1733
Android (android.graphics.Color)	4285498363 (0xFF6F83FB)
YUV	138.7000, 55.3639, -24.2929
Hunter-Lab	51.5530, 20.8731, -72.8318

Details

The YUV color **138.7000, 55.3639, -24.2929** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **223.3000, -55.3639, 24.2929**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2070, 32.9289, -15.0905**, and **82.8080, 54.8177, -35.7886** is the 20% darker color. If you saturate the color by 10%, you get **118.3110, 65.4157, -28.3367**, and if you desaturate by 10%, it is **159.0890, 45.3121, -20.2491**.

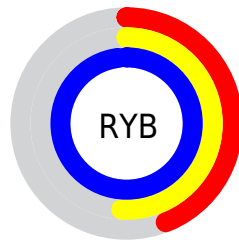
Distribution



Red (44%)

Green (51%)

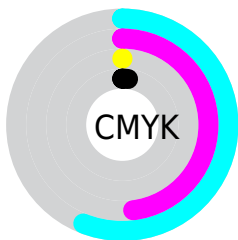
Blue (98%)



Red (44%)

Yellow (51%)

Blue (98%)

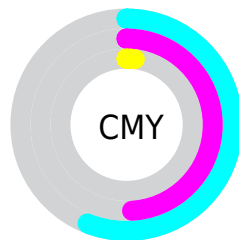


Cyan (56%)

Magenta (48%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (49%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7000, 55.3639, -24.2929 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 138.7000, 55.3639, -24.2929 by changing the saturation by 10% instead.

■ 138.7000, 55.3639,
-24.2929

■ 138.7000, 55.3639,
-24.2929

■ 255.0000, 0.0000,
0.0000

■ 111.1510, 54.6486,
-28.1964

■ 188.2070, 32.9289,
-15.0905

■ 82.8080, 54.8177,
-35.7886

■ 213.0260, 20.6932,
-10.5468

■ 54.1440, 55.1450,
-47.4843

■ 239.3180, 7.7312,
-6.4179

■ 38.7390, 49.4287,
-33.9741

■ 24.6220, 43.5704,
-21.5935

■ 10.0320, 38.4382,
-8.7981

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 138.7000, 55.3639,
-24.2929

■ 138.7000, 55.3639,
-24.2929

■ 118.3110, 65.4157,
-28.3367

■ 159.0890, 45.3121,
-20.2491

■ 98.5090, 75.1781,
-32.8954

■ 178.8910, 35.5497,
-15.6904

■ 78.1200, 85.2298,
-36.9392

■ 199.2800, 25.4980,
-11.6466

■ 58.3180, 94.9922,
-41.4979

■ 219.0820, 15.7356,
-7.0879

■ 49.7460, 99.2182,
-43.6272

■ 239.7700, 5.5364,
-2.4293

■ 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.



118.2940, 67.3961, -103.7438



138.7000, 55.3639, -24.2929



144.2440, 33.8967, 48.0210

Triad

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



138.7000, 55.3639, -24.2929



134.7900, -44.7595, 76.4832



112.2790, 6.2715, -98.4687

Complementary

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



138.7000, 55.3639, -24.2929



223.3000, -55.3639, 24.2929

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.



112.2570, -23.7907, -69.5084



138.7000, 55.3639, -24.2929



131.8910, -65.0223, 42.1916

Square

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



138.7000, 55.3639, -24.2929



133.7350, -17.6174, 97.5794



125.7130, -61.9765, -1.5023



119.8200, 32.6267, -105.0821

Rectangle

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



138.7000, 55.3639, -24.2929



139.4300, 18.5220, 79.4299



125.7130, -61.9765, -1.5023



109.2980, -2.6119, -95.8543

Sweetspot

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



138.7000, 55.3639, -24.2929



220.4240, 17.0460, -7.3878



206.7460, 11.4642, -83.9692



107.3120, 10.1992, -4.6586



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.



138.7000, 55.3639, -24.2929



118.1690, 67.4577, -29.9662



141.6110, 53.9288, 16.1272



114.6560, 5.0996, -2.3293



37.3950, 74.7413, -32.7954



12.2370, 24.0402, -10.7318

Inverse Universe

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



155.1400, -11.9010, 84.0692



137.9790, -14.2866, 102.6274



220.3890, -53.9288, -16.1272



116.1150, -1.0427, 7.7921



59.5890, -16.0664, 113.4934



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 138.7000, 55.3639, -24.2929 looks on a white background.

Color Contrast Check

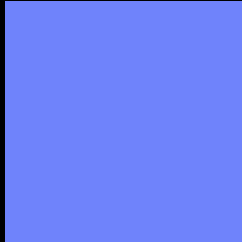
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7000, 55.3639, -24.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

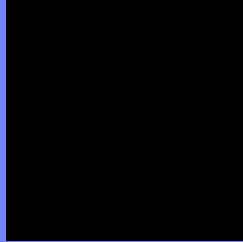
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.7000, 55.3639, -24.2929

Background



This preview shows how black text looks on a background with the YUV color 138.7000, 55.3639, -24.2929.



This preview shows how white text looks on a background with the YUV color 138.7000, 55.3639, -24.2929.

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

138.7000, 55.3639, -24.2929

Protanopia

133.4200, 59.9389, -45.0953

Deuteranopia

124.4830, 60.8939, -71.4606



Tritanopia

130.6550, 16.4391, -46.1784

Trichromacy



Original Color

138.7000, 55.3639, -24.2929

Protanomaly

135.4210, 58.4594, -37.2032

Deuteranomaly

129.7240, 58.8031, -54.1319

Tritanomaly

133.7820, 30.6735, -38.3968

Monochromacy



Original Color

138.7000, 55.3639, -24.2929

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9230, 20.2510, -8.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7000, 55.3639, -24.2929 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(111, 131, 251)` looks like.

```
.text, #text, p{  
    color:rgb(111, 131, 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(111, 131, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 131, 251) }
```

Border

The CSS property to change the border of an element to YUV 138.7000, 55.3639, -24.2929 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(111, 131, 251) }
```


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

```
.border{ border-color:rgb(111, 131, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 131, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 131, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 131, 251);  
box-shadow:4px 4px 4px 4px rgb(111, 131,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 138.7000, 55.3639, -24.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 131, 251) }
```

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

```
.background{ background-color: rgb(111,  
131, 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](#).

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