

Converting Colors

YUV(122.7000, 55.3639,
-24.2929)

Have a look what the booklet for
YUV(122.7000, 55.3639, -24.2929)
contains.

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Color

**YUV(122.7000, 55.3639,
-24.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	5F73EB
RGB	95, 115, 235
RGB Percent	37%, 45%, 92%
CMY	0.6275, 0.5490, 0.0784
CMYK	0.60, 0.51, 0.00, 0.08
HSL	231°, 78%, 65%
HSV	231°, 60%, 92%
XYZ	25.8454, 20.6925, 81.2291
YIQ	122.7000, -50.4400, 33.0800

Conversions

Conversions Part 2

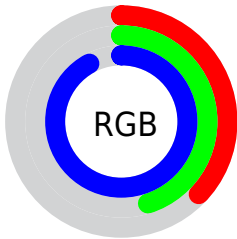
Format	Color
R _Y B	95, 113, 235
Decimal	6255595
CIE Lab	52.61, 28.19, -63.09
CIE LCh	53, 69.107, 294.076
Yxy	20.6925, 0.2023, 0.1620
Android (android.graphics.Color)	4284445675 (0xFF5F73EB)
YUV	122.7000, 55.3639, -24.2929
Hunter-Lab	45.4890, 21.8123, -74.0310

Details

The YUV color **122.7000, 55.3639, -24.2929** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **207.3000, -55.3639, 24.2929**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7430, 40.0597, -15.5606**, and **62.8990, 56.7448, -47.2694** is the 20% darker color. If you saturate the color by 10%, you get **103.7840, 64.6895, -28.7516**, and if you desaturate by 10%, it is **141.3170, 46.1857, -20.4490**.

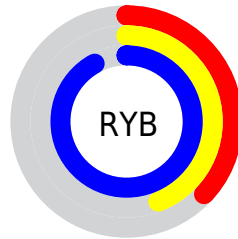
Distribution



Red (37%)

Green (45%)

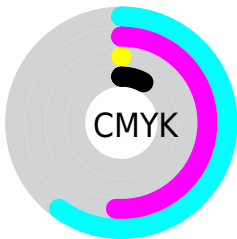
Blue (92%)



Red (37%)

Yellow (44%)

Blue (92%)

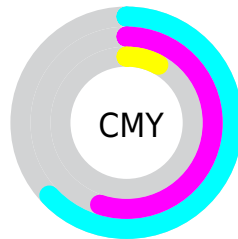


Cyan (60%)

Magenta (51%)

Yellow (0%)

Black (8%)



Cyan (63%)

Magenta (55%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7000, 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 122.7000, 55.3639, -24.2929 by changing the saturation by 10% instead.

■ 122.7000, 55.3639,
-24.2929

■ 122.7000, 55.3639,
-24.2929

■ 255.0000, 0.0000,
0.0000

■ 95.1400, 54.6540,
-29.9408

■ 173.7430, 40.0597,
-15.5606

■ 62.8990, 56.7448,
-47.2694

■ 198.5620, 27.8239,
-11.0169

■ 44.2160, 52.6445,
-38.7774

■ 223.9680, 15.2988,
-6.9879

■ 29.3980, 46.6388,
-25.7820

■ 249.3740, 2.7736,
-2.9590

■ 13.0470, 42.3748,
-11.4422

■ 13.7190, 29.7185,
-12.0316

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 122.7000, 55.3639,
-24.2929

■ 122.7000, 55.3639,
-24.2929

■ 103.7840, 64.6895,
-28.7516

■ 141.3170, 46.1857,
-20.4490

■ 85.1670, 73.8677,
-32.5955

■ 160.2330, 36.8601,
-15.9903

■ 66.2510, 83.1933,
-37.0541

■ 179.1490, 27.5345,
-11.5317

■ 47.0470, 92.6608,
-40.3832

■ 198.3530, 18.0670,
-8.2026

■ 46.7480, 92.8082,
-40.9980

■ 216.9700, 8.8888,
-4.3587

■ 235.8860, -0.4368,
0.1000

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



107.7620, 67.6583, -94.5073



122.7000, 55.3639, -24.2929



127.2550, 33.8913, 49.7654

Triad

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



122.7000, 55.3639, -24.2929



118.2090, -46.9380, 75.2387



101.2910, 4.7865, -88.8322

Complementary

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



122.7000, 55.3639, -24.2929



207.3000, -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.



91.2880, -20.8480, -80.0596



122.7000, 55.3639, -24.2929



117.9920, -58.1701, 37.7180

Square

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



122.7000, 55.3639, -24.2929



114.6750, -16.6018, 98.5090



111.2270, -54.8349, -5.4611



108.9460, 31.5786, -95.5456

Rectangle

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



122.7000, 55.3639, -24.2929



120.6800, 19.3848, 82.7186



111.2270, -54.8349, -5.4611



98.4240, -3.6600, -86.3178

Sweetspot

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



122.7000, 55.3639, -24.2929



218.3530, 18.0670, -8.2026



190.7460, 11.4642, -83.9692



104.6540, 11.5096, -4.9586



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.



122.7000, 55.3639, -24.2929



109.8960, 71.5363, -31.4808



125.6110, 53.9288, 16.1272



107.8410, 4.5154, -1.6146



35.8960, 71.5363, -31.4808



10.8520, 21.2720, -9.5172

Inverse Universe

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



139.1400, -11.9010, 84.0692



131.0830, -15.3239, 108.6752



204.3890, -53.9288, -16.1272



109.4030, -1.1847, 6.6626



57.0830, -15.3239, 108.6752



17.0580, -4.4656, 32.3981

Previews

White Background



This preview shows how the YUV color 122.7000, 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 122.7000, 55.3639, -24.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

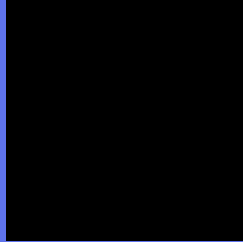
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.7000, 55.3639, -24.2929

Background



This preview shows how black text looks on a background with the YUV color 122.7000, 55.3639, -24.2929.



This preview shows how white text looks on a background with the YUV color 122.7000, 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

122.7000, 55.3639, -24.2929

Protanopia

114.9460, 62.1446, -52.5726

Deuteranopia

100.0850, 61.0901, -87.7745



Tritanopia

113.3340, 16.5973, -50.2819

Trichromacy



Original Color

122.7000, 55.3639, -24.2929

Protanomaly

118.0290, 59.6387, -42.1214

Deuteranomaly

108.6580, 58.8356, -64.5981

Tritanomaly

116.4720, 30.8263, -40.7559

Monochromacy



Original Color

122.7000, 55.3639, -24.2929

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9230, 20.2510, -8.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7000, 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(95, 115, 235)` looks like.

```
.text, #text, p{  
    color:rgb(95, 115, 235)  
}
```

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(95, 115, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 115, 235) }
```

Border

The CSS property to change the border of an element to YUV 122.7000, 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(95, 115, 235) }
```


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

```
.border{ border-color:rgb(95, 115, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 115, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 115, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 115, 235);  
box-shadow:4px 4px 4px 4px rgb(95, 115,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 122.7000, 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(95, 115, 235) }
```

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

```
.background{ background-color: rgb(95, 115,  
235) }
```

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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