

Converting Colors

YUV(119.5920, 52.4591,
-25.9522)

Have a look what the booklet for
YUV(119.5920, 52.4591, -25.9522)
contains.

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Color

**YUV(119.5920, 52.4591,
-25.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	5A72E2
RGB	90, 114, 226
RGB Percent	35%, 45%, 89%
CMY	0.6471, 0.5529, 0.1137
CMYK	0.60, 0.50, 0.00, 0.11
HSL	229°, 70%, 62%
HSV	229°, 60%, 89%
XYZ	23.9612, 19.6993, 74.4910
YIQ	119.5920, -50.2560, 29.7440

Conversions

Conversions Part 2

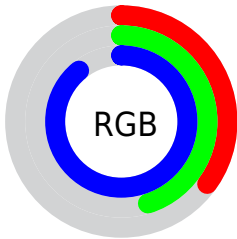
Format	Color
R _Y B	90, 110, 226
Decimal	5927650
CIE Lab	51.50, 24.93, -59.86
CIE LCh	51, 64.842, 292.611
Yxy	19.6993, 0.2028, 0.1667
Android (android.graphics.Color)	4284117730 (0xFF5A72E2)
YUV	119.5920, 52.4591, -25.9522
Hunter-Lab	44.3839, 18.6939, -68.4397

Details

The YUV color **119.5920, 52.4591, -25.9522** 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 **196.4080, -52.4591, 25.9522**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3620, 41.2335, -18.7345**, and **58.7090, 54.8665, -51.4878** is the 20% darker color. If you saturate the color by 10%, you get **101.5620, 61.3479, -30.3109**, and if you desaturate by 10%, it is **137.6220, 43.5704, -21.5935**.

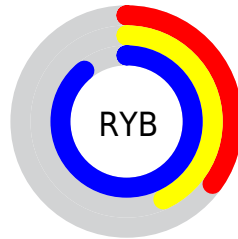
Distribution



Red (35%)

Green (45%)

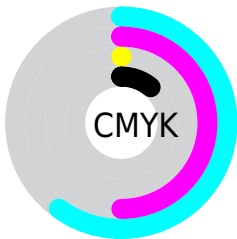
Blue (89%)



Red (35%)

Yellow (43%)

Blue (89%)

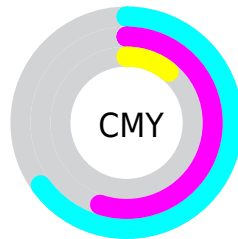


Cyan (60%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (55%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5920, 52.4591, -25.9522 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 119.5920, 52.4591, -25.9522 by changing the saturation by 10% instead.

■ 119.5920, 52.4591,
-25.9522

■ 119.5920, 52.4591,
-25.9522

■ 255.0000, 0.0000,
0.0000

■ 92.1460, 52.1860,
-31.7000

■ 171.3620, 41.2335,
-18.7345

■ 58.7090, 54.8665,
-51.4878

■ 196.1810, 28.9978,
-14.1907

■ 42.7170, 49.4395,
-37.4628

■ 221.0000, 16.7620,
-9.6470

■ 28.4860, 43.1444,
-24.9822

■ 246.9930, 3.9475,
-6.1329

■ 10.3740, 39.7486,
-9.0980

■ 11.7470, 27.2397,
-10.3021

■ 6.6630, 17.9141,

-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 119.5920, 52.4591,
-25.9522

■ 119.5920, 52.4591,
-25.9522

■ 101.5620, 61.3479,
-30.3109

■ 137.6220, 43.5704,
-21.5935

■ 84.4180, 69.7999,
-34.5696

■ 154.7660, 35.1184,
-17.3348

■ 66.3880, 78.6887,
-38.9283

■ 172.7960, 26.2296,
-12.9761

■ 49.2440, 87.1407,
-43.1870

■ 189.9400, 17.7776,
-8.7174

■ 207.9700, 8.8888,
-4.3587

■ 226.0000, 0.0000,
0.0000

■ 243.1440, -8.4520,
4.2587

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



105.2200, 62.9955, -92.2779



119.5920, 52.4591, -25.9522



125.1680, 32.4552, 43.7027

Triad

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



119.5920, 52.4591, -25.9522



116.2670, -41.5436, 71.6798



98.4870, 4.1969, -86.3731

Complementary

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



119.5920, 52.4591, -25.9522



196.4080, -52.4591, 25.9522

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.



93.1260, -21.7541, -69.3935



119.5920, 52.4591, -25.9522



115.0460, -56.7177, 38.5477

Square

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



119.5920, 52.4591, -25.9522



114.3860, -14.9803, 91.7465



109.7760, -54.1196, -1.5576



105.5720, 28.8050, -92.5866

Rectangle

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



119.5920, 52.4591, -25.9522



119.6960, 18.3909, 74.8116



109.7760, -54.1196, -1.5576



95.6200, -4.2497, -83.8587

Sweetspot

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



119.5920, 52.4591, -25.9522



218.9400, 17.7776, -8.7174



182.4860, 9.1274, -81.1102



105.2410, 11.2202, -5.4734



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.



119.5920, 52.4591, -25.9522



111.3470, 70.8209, -35.3843



118.3610, 53.0660, 12.8384



103.4280, 4.2260, -2.1294



38.2610, 67.9053, -33.5549



10.7550, 18.3618, -9.4321

Inverse Universe

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



133.4000, -9.5642, 81.2102



129.7780, -12.7086, 109.8197



197.6390, -53.0660, -12.8384



104.5170, -0.7479, 6.5626



56.1580, -12.4029, 105.1014



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 119.5920, 52.4591, -25.9522 looks on a white background.

Color Contrast Check

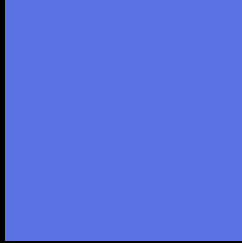
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5920, 52.4591, -25.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

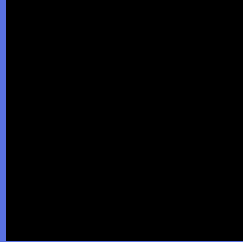
Any Text WCAG AA ✓ Pass

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 119.5920, 52.4591, -25.9522 Background



This preview shows how black text looks on a background with the YUV color 119.5920, 52.4591, -25.9522.



This preview shows how white text looks on a background with the YUV color 119.5920, 52.4591, -25.9522.

-25.9522.

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

119.5920, 52.4591, -25.9522

Protanopia

113.8390, 57.7604, -46.3398

Deuteranopia

97.8680, 60.2111, -85.8302



Tritanopia

110.0350, 16.7447, -50.8967

Trichromacy



Original Color

119.5920, 52.4591, -25.9522

Protanomaly

116.3130, 55.5547, -38.8625

Deuteranomaly

105.6150, 57.3778, -63.6834

Tritanomaly

113.5320, 29.8107, -41.6856

Monochromacy



Original Color

119.5920, 52.4591, -25.9522

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9830, 19.2354, -9.6321

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5920, 52.4591, -25.9522 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(90, 114, 226)` looks like.

```
.text, #text, p{  
    color:rgb(90, 114, 226)  
}
```

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(90, 114, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 114, 226) }
```

Border

The CSS property to change the border of an element to YUV 119.5920, 52.4591, -25.9522 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(90, 114, 226) }
```


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

```
.border{ border-color:rgb(90, 114, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 114, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 114, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 114, 226);  
box-shadow:4px 4px 4px 4px rgb(90, 114,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 119.5920, 52.4591, -25.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 114, 226) }
```

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

```
.background{ background-color: rgb(90, 114,  
226) }
```

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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