

Converting Colors

YUV(103.5440, 72.2028,
-11.8781)

Have a look what the booklet for
YUV(103.5440, 72.2028, -11.8781)
contains.

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Color

**YUV(103.5440, 72.2028,
-11.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	5A52FA
RGB	90, 82, 250
RGB Percent	35%, 32%, 98%
CMY	0.6471, 0.6784, 0.0196
CMYK	0.64, 0.67, 0.00, 0.02
HSL	243°, 94%, 65%
HSV	243°, 67%, 98%
XYZ	24.4891, 15.1104, 92.0684
YIQ	103.5440, -49.1600, 53.9440

Conversions

Conversions Part 2

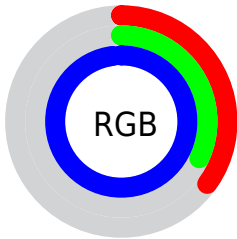
Format	Color
R _Y B	90, 82, 250
Decimal	5919482
CIE Lab	45.79, 51.85, -82.60
CIE LCh	46, 97.522, 302.117
Yxy	15.1104, 0.1860, 0.1148
Android (android.graphics.Color)	4284109562 (0xFF5A52FA)
YUV	103.5440, 72.2028, -11.8781
Hunter-Lab	38.8721, 44.4273, -113.2177

Details

The YUV color **103.5440, 72.2028, -11.8781** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **228.4560, -72.2028, 11.8781**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7850, 49.8990, 1.9426**, and **42.4330, 73.7365, -37.2137** is the 20% darker color. If you saturate the color by 10%, you get **81.6930, 82.9754, -13.7628**, and if you desaturate by 10%, it is **125.3950, 61.4303, -9.9934**.

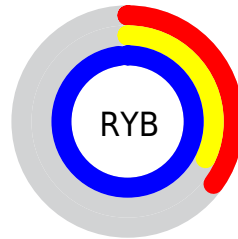
Distribution



Red (35%)

Green (32%)

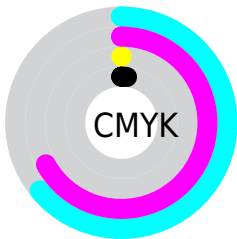
Blue (98%)



Red (35%)

Yellow (32%)

Blue (98%)

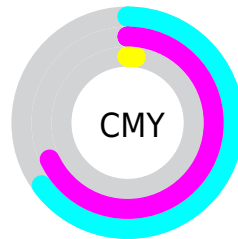


Cyan (64%)

Magenta (67%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (68%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5440, 72.2028, -11.8781 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 103.5440, 72.2028, -11.8781 by changing the saturation by 10% instead.

■ 103.5440, 72.2028,
-11.8781

■ 103.5440, 72.2028,
-11.8781

255.0000, 0.0000,
0.0000

■ 74.1900, 72.3773,
-21.2146

■ 153.7850, 49.8990,
1.9426

■ 42.4330, 73.7365,
-37.2137

■ 178.3160, 37.8052,
7.6159

■ 25.7400, 68.1622,
-22.5740

■ 204.0210, 25.1326,
12.2596

■ 15.6180, 59.8413,
-13.6970

■ 230.0250, 12.3127,
17.5181

■ 12.5400, 48.0478,
-10.9976

■ 247.9560, 3.4727,
6.1776

■ 16.7340, 33.6551,
-14.6757

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 103.5440, 72.2028,
-11.8781

■ 103.5440, 72.2028,
-11.8781

■ 81.6930, 82.9754,
-13.7628

■ 125.3950, 61.4303,
-9.9934

■ 59.8420, 93.7479,
-15.6474

■ 147.2460, 50.6577,
-8.1087

■ 38.2900, 104.3730,
-16.9173

■ 168.7980, 40.0326,
-6.8388

■ 32.0880, 107.4306,
-17.6172

■ 190.6490, 29.2600,
-4.9542

■ 212.5000, 18.4875,
-3.0695

■ 234.3510, 7.7150,
-1.1848

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



103.5440, 72.2028, -11.8781



82.6130, 51.4628, 107.3334

Triad

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



103.5440, 72.2028, -11.8781



97.3130, -47.9753, 81.2865



93.7740, 8.9854, -82.2398

Complementary

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



103.5440, 72.2028, -11.8781



228.4560, -72.2028, 11.8781

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.



80.7270, -33.3894, -70.7976



103.5440, 72.2028, -11.8781



101.6680, -50.1223, 23.0932

Square

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



103.5440, 72.2028, -11.8781



72.4460, -22.4049, 139.9289



82.6220, -40.7326, -48.7805



103.8230, 44.9503, -91.0528

Rectangle

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



103.5440, 72.2028, -11.8781



85.5410, 23.8903, 131.0755



82.6220, -40.7326, -48.7805



89.8810, -3.3923, -78.8256

Sweetspot

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



103.5440, 72.2028, -11.8781



210.4120, 21.9819, -3.8693



196.2460, 26.5007, -100.1937



100.8330, 13.3933, -2.4845



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.



103.5440, 72.2028, -11.8781



74.5880, 88.9431, -14.5477



128.0620, 60.1154, 38.5336



113.7810, 5.5310, -0.6849



24.2370, 81.2282, -13.3628



7.8510, 26.2025, -4.2543

Inverse Universe

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



150.4720, 45.1233, 87.2861



132.3510, 55.5360, 107.5632



203.9380, -60.1154, -38.5336



117.2550, 3.3253, 6.7924



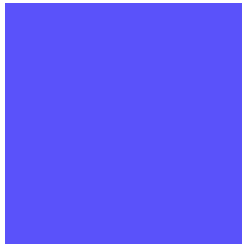
77.0310, 50.7637, 98.1968



24.8510, 16.3425, 31.7027

Previews

White Background



This preview shows how the YUV color 103.5440, 72.2028, -11.8781 looks on a white background.

Color Contrast Check

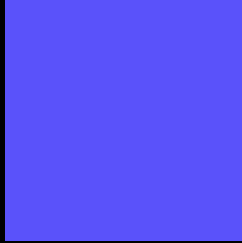
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.5440, 72.2028, -11.8781 looks on a black 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

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

YUV 103.5440, 72.2028, -11.8781 Background



This preview shows how black text looks on a background with the YUV color 103.5440, 72.2028, -11.8781.



This preview shows how white text looks on a background with the YUV color 103.5440, 72.2028, -11.8781.

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

103.5440, 72.2028, -11.8781

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

86.5890, 49.9956, -75.9386



Tritanopia

84.5590, 21.9094, -74.1582

Trichromacy



Original Color

103.5440, 72.2028, -11.8781

Protanomaly

92.4390, 67.8176, -52.1280

Deuteranomaly

92.6210, 58.3608, -52.2876

Tritanomaly

91.8110, 40.0262, -51.5772

Monochromacy



Original Color

103.5440, 72.2028, -11.8781

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8510, 26.2025, -4.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5440, 72.2028, -11.8781 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, 82, 250)` looks like.

```
.text, #text, p{  
    color:rgb(90, 82, 250)  
}
```

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, 82, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 82, 250) }
```

Border

The CSS property to change the border of an element to YUV 103.5440, 72.2028, -11.8781 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, 82, 250) }
```


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

```
.border{ border-color:rgb(90, 82, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 82, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 82, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 82, 250);  
box-shadow:4px 4px 4px 4px rgb(90, 82,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 103.5440, 72.2028, -11.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 82, 250) }
```

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

```
.background{ background-color: rgb(90, 82,  
250) }
```

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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