

Converting Colors

YUV(101.2010, 72.3719,
-19.4703)

Have a look what the booklet for
YUV(101.2010, 72.3719, -19.4703)
contains.

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Color

**YUV(101.2010, 72.3719,
-19.4703)**

Conversions

Conversions Part 1

Format	Color
Hex	4F54F8
RGB	79, 84, 248
RGB Percent	31%, 33%, 97%
CMY	0.6902, 0.6706, 0.0275
CMYK	0.68, 0.66, 0.00, 0.03
HSL	238°, 92%, 64%
HSV	238°, 68%, 97%
XYZ	23.3381, 14.7802, 90.4298
YIQ	101.2010, -55.6240, 49.9440

Conversions

Conversions Part 2

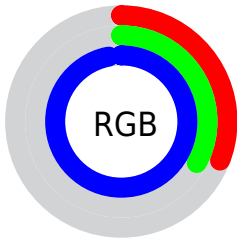
Format	Color
R_{YB}	79, 84, 248
Decimal	5199096
CIE _{Lab}	45.33, 48.74, -82.25
CIE _{LCh}	45, 95.606, 300.648
Yxy	14.7802, 0.1816, 0.1150
Android (android.graphics.Color)	4283389176 (0xFF4F54F8)
YUV	101.2010, 72.3719, -19.4703
Hunter-Lab	38.4451, 41.0795, -112.5493

Details

The YUV color **101.2010, 72.3719, -19.4703** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **225.7990, -72.3719, 19.4703**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6810, 50.9363, -4.1052**, and **43.9660, 71.9948, -38.5582** is the 20% darker color. If you saturate the color by 10%, you get **79.6380, 83.0025, -22.4845**, and if you desaturate by 10%, it is **122.7640, 61.7413, -16.4560**.

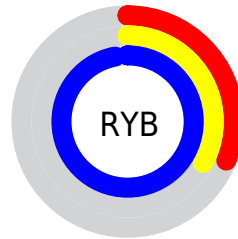
Distribution



Red (31%)

Green (33%)

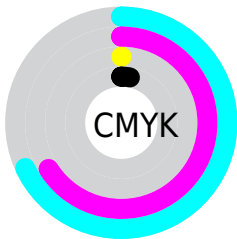
Blue (97%)



Red (31%)

Yellow (33%)

Blue (97%)

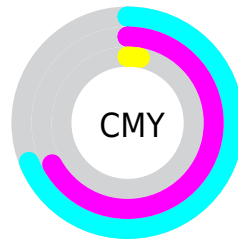


Cyan (68%)

Magenta (66%)

Yellow (0%)

Black (3%)



Cyan (69%)

Magenta (67%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2010, 72.3719, -19.4703 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 101.2010, 72.3719, -19.4703 by changing the saturation by 10% instead.

■ 101.2010, 72.3719,
-19.4703

■ 101.2010, 72.3719,
-19.4703

255.0000, 0.0000,
0.0000

■ 69.4550, 73.7257,
-33.7250

■ 151.6810, 50.9363,
-4.1052

■ 43.9660, 71.9948,
-38.5582

■ 177.0980, 38.4057,
1.6681

■ 28.4470, 65.8416,
-24.9480

■ 202.2160, 26.0225,
6.8266

■ 15.3900, 58.9677,
-13.4970

■ 227.9210, 13.3499,
11.4703

■ 12.4260, 47.6110,
-10.8976

■ 249.1300, 2.8939,
5.1480

■ 15.9190, 33.0709,
-13.9610

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 2.0690, 5.3890,
-1.8145

■ 101.2010, 72.3719,
-19.4703

■ 101.2010, 72.3719,
-19.4703

■ 79.6380, 83.0025,
-22.4845

■ 122.7640, 61.7413,
-16.4560

■ 58.0750, 93.6330,
-25.4988

■ 144.3270, 51.1108,
-13.4418

■ 36.8110, 104.1162,
-27.8982

■ 165.5910, 40.6276,
-11.0423

■ 32.3810, 106.3002,
-28.3981

■ 187.1540, 29.9971,
-8.0281

■ 208.7170, 19.3665,
-5.0138

■ 230.2800, 8.7360,
-1.9996

■ 251.8430, -1.8946,
1.0147

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



101.2010, 72.3719, -19.4703



80.5200, 52.4946, 103.0300

Triad

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



101.2010, 72.3719, -19.4703



95.5520, -47.1071, 82.8309



92.6170, 7.0908, -81.2251

Complementary

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



101.2010, 72.3719, -19.4703



225.7990, -72.3719, 19.4703

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.



78.7550, -35.8682, -69.0681



101.2010, 72.3719, -19.4703



101.0920, -49.8384, 25.3523

Square

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



101.2010, 72.3719, -19.4703



72.1190, -19.7787, 137.5846



84.7370, -41.7753, -40.9883



102.4380, 42.1821, -89.8381

Rectangle

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



101.2010, 72.3719, -19.4703



84.2740, 25.5009, 127.8017



84.7370, -41.7753, -40.9883



88.8380, -4.8501, -77.9109

Sweetspot

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



101.2010, 72.3719, -19.4703



210.9880, 21.6979, -6.1285



196.7850, 22.2910, -103.2974



101.1210, 13.2513, -3.6141



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.



101.2010, 72.3719, -19.4703



73.3480, 89.5544, -23.9842



121.8870, 62.1737, 31.6711



114.0690, 5.3890, -1.8145



25.0680, 80.8185, -21.9846



8.1280, 26.0659, -7.1283

Inverse Universe

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



130.1010, -22.7278, 103.3974



109.1750, -28.1873, 127.8885



205.1130, -62.1737, -31.6711



116.0010, -1.4795, 7.8921



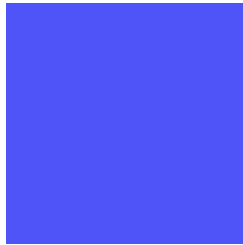
57.1950, -25.2391, 115.5930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 101.2010, 72.3719, -19.4703 looks on a white background.

Color Contrast Check

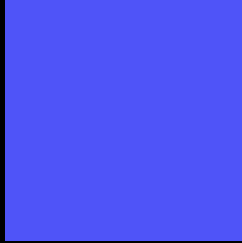
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2010, 72.3719, -19.4703 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 101.2010, 72.3719, -19.4703

Background



This preview shows how black text looks on a background with the YUV color 101.2010, 72.3719, -19.4703.



This preview shows how white text looks on a background with the YUV color 101.2010, 72.3719, -19.4703.

-19.4703.

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

101.2010, 72.3719, -19.4703

Protanopia

85.1990, 64.9779, -74.7195

Deuteranopia

85.1870, 49.7008, -74.7090



Tritanopia

83.7440, 21.3252, -73.4435

Trichromacy



Original Color

101.2010, 72.3719, -19.4703

Protanomaly

91.0150, 67.5336, -54.3872

Deuteranomaly

91.1970, 58.0769, -54.5468

Tritanomaly

90.3870, 39.7422, -53.8364

Monochromacy



Original Color

101.2010, 72.3719, -19.4703

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1280, 26.0659, -7.1283

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2010, 72.3719, -19.4703 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(79, 84, 248)` looks like.

```
.text, #text, p{  
    color:rgb(79, 84, 248)  
}
```

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(79, 84, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 84, 248) }
```

Border

The CSS property to change the border of an element to YUV 101.2010, 72.3719, -19.4703 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(79, 84, 248) }
```


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

```
.border{ border-color:rgb(79, 84, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 84, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 84, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 84, 248);  
box-shadow:4px 4px 4px 4px rgb(79, 84,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 101.2010, 72.3719, -19.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 84, 248) }
```

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

```
.background{ background-color: rgb(79, 84,  
248) }
```

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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