

Converting Colors

YUV(103.1520, 73.3821,
-16.7963)

Have a look what the booklet for
YUV(103.1520, 73.3821, -16.7963)
contains.

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Color

**YUV(103.1520, 73.3821,
-16.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	5454FC
RGB	84, 84, 252
RGB Percent	33%, 33%, 99%
CMY	0.6706, 0.6706, 0.0118
CMYK	0.67, 0.67, 0.00, 0.01
HSL	240°, 97%, 66%
HSV	240°, 67%, 99%
XYZ	24.3972, 15.2537, 93.7539
YIQ	103.1520, -53.9280, 52.2480

Conversions

Conversions Part 2

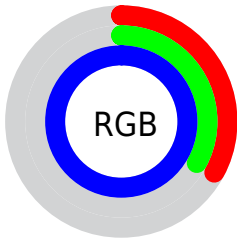
Format	Color
R _Y B	84, 84, 252
Decimal	5526780
CIE Lab	45.98, 50.61, -83.41
CIE LCh	46, 97.562, 301.247
Yxy	15.2537, 0.1829, 0.1143
Android (android.graphics.Color)	4283716860 (0xFF5454FC)
YUV	103.1520, 73.3821, -16.7963
Hunter-Lab	39.0560, 43.1557, -114.9862

Details

The YUV color **103.1520, 73.3821, -16.7963** 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 **232.8480, -73.3821, 16.7963**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4640, 50.0572, -2.1609**, and **43.8350, 74.0313, -38.4433** is the 20% darker color. If you saturate the color by 10%, you get **81.0020, 84.3020, -19.2958**, and if you desaturate by 10%, it is **125.3020, 62.4621, -14.2969**.

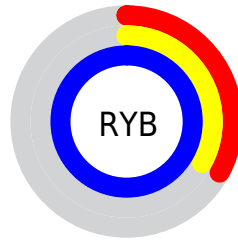
Distribution



Red (33%)

Green (33%)

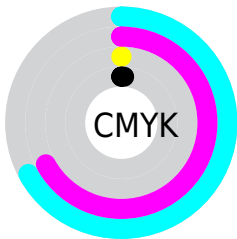
Blue (99%)



Red (33%)

Yellow (33%)

Blue (99%)

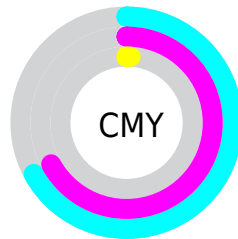


Cyan (67%)

Magenta (67%)

Yellow (0%)

Black (1%)



Cyan (67%)

Magenta (67%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1520, 73.3821, -16.7963 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 103.1520, 73.3821, -16.7963 by changing the saturation by 10% instead.

■ 103.1520, 73.3821,
-16.7963

■ 103.1520, 73.3821,
-16.7963

255.0000, 0.0000,
0.0000

■ 72.3030, 74.2936,
-29.2067

■ 153.4640, 50.0572,
-2.1609

■ 43.8350, 74.0313,
-38.4433

■ 178.2940, 37.8161,
4.1272

■ 28.3160, 67.8782,
-24.8331

■ 203.4120, 25.4329,
9.2857

■ 15.8460, 60.7149,
-13.8969

■ 229.4160, 12.6129,
14.5442

■ 12.7680, 48.9214,
-11.1975

■ 249.1300, 2.8939,
5.1480

■ 16.8480, 34.0919,
-14.7757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 103.1520, 73.3821,
-16.7963

■ 103.1520, 73.3821,
-16.7963

■ 81.0020, 84.3020,
-19.2958

■ 125.3020, 62.4621,
-14.2969

■ 58.8520, 95.2220,
-21.7952

■ 147.4520, 51.5422,
-11.7974

■ 35.8160, 106.5787,
-24.3946

■ 170.4880, 40.1854,
-9.1980

■ 28.7280, 110.0731,
-25.1945

■ 192.6380, 29.2655,
-6.6985

■ 214.7880, 18.3455,
-4.1991

■ 236.9380, 7.4256,
-1.6996

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



103.1520, 73.3821, -16.7963



82.2430, 52.6312, 105.9039

Triad

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



103.1520, 73.3821, -16.7963



97.3240, -47.9807, 83.0309



94.1330, 7.8224, -82.5546

Complementary

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



103.1520, 73.3821, -16.7963



232.8480, -73.3821, 16.7963

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.



80.1570, -35.5734, -70.2977



103.1520, 73.3821, -16.7963



102.2660, -50.4171, 24.3227

Square

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



103.1520, 73.3821, -16.7963



73.0870, -21.2419, 140.2437



84.7150, -41.7645, -44.4771



104.1820, 43.7873, -91.3676

Rectangle

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



103.1520, 73.3821, -16.7963



85.8830, 25.2007, 130.7756



84.7150, -41.7645, -44.4771



90.2400, -4.5553, -79.1405

Sweetspot

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



103.1520, 73.3821, -16.7963



209.8140, 22.2767, -5.0989



201.7680, 24.7644, -103.2825



100.5340, 13.5407, -3.0993



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.



103.1520, 73.3821, -16.7963



74.2560, 89.1068, -20.3955



128.2680, 60.9999, 34.8450



113.4820, 5.6784, -1.2997



21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Inverse Universe

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



153.3840, 48.6177, 86.4862



135.2520, 59.0358, 105.0190



207.7320, -60.9999, -34.8450



117.3690, 3.7621, 6.6924



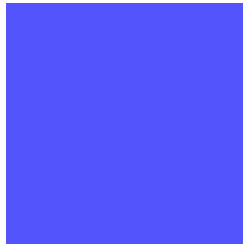
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 103.1520, 73.3821, -16.7963 looks on a white background.

Color Contrast Check

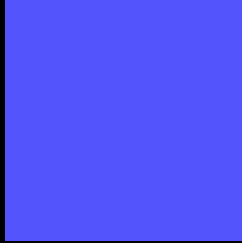
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1520, 73.3821, -16.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

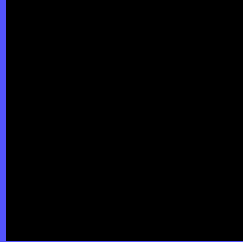
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1520, 73.3821, -16.7963

Background



This preview shows how black text looks on a background with the YUV color 103.1520, 73.3821, -16.7963.



This preview shows how white text looks on a background with the YUV color 103.1520, 73.3821, -16.7963.

-16.7963.

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

103.1520, 73.3821, -16.7963

Protanopia

86.1280, 65.9989, -75.5343

Deuteranopia

86.7030, 50.4324, -76.0385



Tritanopia

85.1460, 21.6200, -74.6730

Trichromacy



Original Color

103.1520, 73.3821, -16.7963

Protanomaly

92.6560, 68.6966, -54.0723

Deuteranomaly

92.7240, 58.8031, -54.1319

Tritanomaly

91.9140, 40.4684, -53.4216

Monochromacy



Original Color

103.1520, 73.3821, -16.7963

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9540, 26.6447, -6.0987

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1520, 73.3821, -16.7963 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(84, 84, 252)` looks like.

```
.text, #text, p{  
    color:rgb(84, 84, 252)  
}
```

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(84, 84, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 84, 252) }
```

Border

The CSS property to change the border of an element to YUV 103.1520, 73.3821, -16.7963 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(84, 84, 252) }
```


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

```
.border{ border-color:rgb(84, 84, 252) }
```

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

Here you see how a box with a 4 pixel rgb(84, 84, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 84, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 84, 252);  
box-shadow:4px 4px 4px 4px rgb(84, 84,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 103.1520, 73.3821, -16.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 84, 252) }
```

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

```
.background{ background-color: rgb(84, 84,  
252) }
```

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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