

Converting Colors

YUV(101.6460, 74.1245,
-21.6145)

Have a look what the booklet for
YUV(101.6460, 74.1245, -21.6145)
contains.

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Color

**YUV(101.6460, 74.1245,
-21.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	4D55FC
RGB	77, 85, 252
RGB Percent	30%, 33%, 99%
CMY	0.6980, 0.6667, 0.0118
CMYK	0.69, 0.66, 0.00, 0.01
HSL	237°, 97%, 65%
HSV	237°, 69%, 99%
XYZ	23.8798, 15.1031, 93.7520
YIQ	101.6460, -58.3750, 50.2410

Conversions

Conversions Part 2

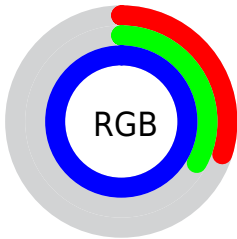
Format	Color
RYB	77, 85, 252
Decimal	5068284
CIELab	45.78, 49.23, -83.76
CIELCh	46, 97.157, 300.444
Yxy	15.1031, 0.1799, 0.1138
Android (android.graphics.Color)	4283258364 (0xFF4D55FC)
YUV	101.6460, 74.1245, -21.6145
Hunter-Lab	38.8626, 41.6724, -115.8270

Details

The YUV color **101.6460, 74.1245, -21.6145** 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 **227.3540, -74.1245, 21.6145**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9690, 50.7943, -5.2348**, and **45.0090, 73.4526, -39.4729** is the 20% darker color. If you saturate the color by 10%, you get **80.0830, 84.7551, -24.6288**, and if you desaturate by 10%, it is **123.2090, 63.4940, -18.6003**.

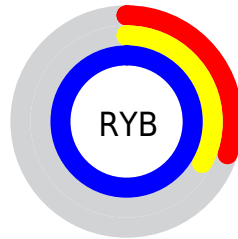
Distribution



Red (30%)

Green (33%)

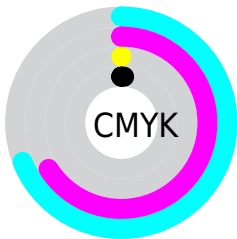
Blue (99%)



Red (30%)

Yellow (33%)

Blue (99%)

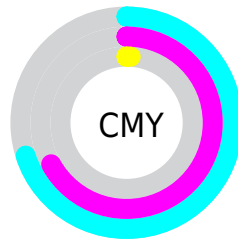


Cyan (69%)

Magenta (66%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (67%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6460, 74.1245, -21.6145 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 101.6460, 74.1245, -21.6145 by changing the saturation by 10% instead.

■ 101.6460, 74.1245,
-21.6145

■ 101.6460, 74.1245,
-21.6145

255.0000, 0.0000,
0.0000

■ 68.7040, 76.0679,
-38.3284

■ 151.9690, 50.7943,
-5.2348

■ 45.0090, 73.4526,
-39.4729

■ 177.3860, 38.2637,
0.5385

■ 29.4900, 67.2994,
-25.8627

■ 202.8030, 25.7331,
6.3118

■ 17.0200, 60.1361,
-14.9265

■ 228.5080, 13.0606,
10.9555

■ 12.7680, 48.9214,
-11.1975

■ 249.7170, 2.6045,
4.6332

■ 16.8480, 34.0919,
-14.7757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 101.6460, 74.1245,
-21.6145

■ 101.6460, 74.1245,
-21.6145

■ 80.0830, 84.7551,
-24.6288

■ 123.2090, 63.4940,
-18.6003

■ 58.5200, 95.3856,
-27.6430

■ 144.7720, 52.8634,
-15.5860

■ 36.6580, 106.1636,
-31.2721

■ 166.6340, 42.0854,
-11.9570

■ 35.7720, 106.6004,
-31.3720

■ 188.1970, 31.4549,
-8.9428

■ 209.7600, 20.8243,
-5.9285

■ 231.3230, 10.1938,
-2.9143

■ 252.8860, -0.4368,
0.1000

■ 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



101.6460, 74.1245, -21.6145



81.7590, 53.3628, 104.5744

Triad

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



101.6460, 74.1245, -21.6145



96.4490, -47.5494, 84.6752



93.3180, 7.2382, -81.8399

Complementary

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



101.6460, 74.1245, -21.6145



227.3540, -74.1245, 21.6145

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.



78.8860, -37.9048, -69.1830



101.6460, 74.1245, -21.6145



101.6900, -50.1332, 26.5819

Square

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



101.6460, 74.1245, -21.6145



73.3150, -20.3683, 140.0437



85.3240, -42.0647, -41.5031



103.2530, 42.7663, -90.5529

Rectangle

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



101.6460, 74.1245, -21.6145



85.3990, 25.9323, 129.4461



85.3240, -42.0647, -41.5031



89.4250, -5.1395, -78.4257

Sweetspot

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



101.6460, 74.1245, -21.6145



208.9170, 22.7189, -6.9432



198.6490, 21.8650, -106.6862



100.2350, 13.6881, -3.7141



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.



101.6460, 74.1245, -21.6145



73.0380, 89.7073, -26.3433



120.5710, 64.7945, 31.0712



114.0690, 5.3890, -1.8145



26.8290, 79.9503, -23.5290



8.7150, 25.7765, -7.6431

Inverse Universe

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



130.2370, -22.3018, 106.7862



107.5280, -26.8823, 129.3329



208.4290, -64.7945, -31.0712



116.0010, -1.4795, 7.8921



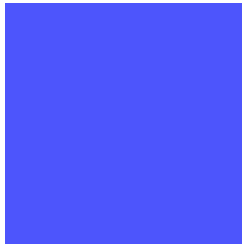
57.5370, -23.9287, 115.2931



18.5810, -7.6814, 37.2015

Previews

White Background



This preview shows how the YUV color 101.6460, 74.1245, -21.6145 looks on a white background.

Color Contrast Check

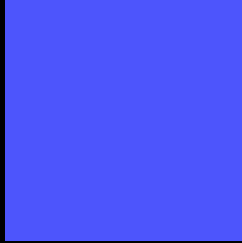
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.6460, 74.1245, -21.6145 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 101.6460, 74.1245, -21.6145 Background



This preview shows how black text looks on a background with the YUV color 101.6460, 74.1245, -21.6145.



This preview shows how white text looks on a background with the YUV color 101.6460, 74.1245, -21.6145.

-21.6145.

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

101.6460, 74.1245, -21.6145

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

86.0020, 50.2850, -75.4238



Tritanopia

84.4450, 21.4726, -74.0583

Trichromacy



Original Color

101.6460, 74.1245, -21.6145

Protanomaly

91.6450, 68.7020, -55.8167

Deuteranomaly

91.7130, 58.8085, -55.8763

Tritanomaly

90.9030, 40.4738, -55.1659

Monochromacy



Original Color

101.6460, 74.1245, -21.6145

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0570, 27.0869, -7.9430

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6460, 74.1245, -21.6145 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(77, 85, 252)` looks like.

```
.text, #text, p{  
    color:rgb(77, 85, 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(77, 85, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 85, 252) }
```

Border

The CSS property to change the border of an element to YUV 101.6460, 74.1245, -21.6145 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(77, 85, 252) }
```


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

```
.border{ border-color:rgb(77, 85, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 85, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 85, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 85, 252);  
box-shadow:4px 4px 4px 4px rgb(77, 85,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 101.6460, 74.1245, -21.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 85, 252) }
```

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

```
.background{ background-color: rgb(77, 85,  
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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