

Converting Colors

YUV(81.5110, 75.6701, -3.9561)

Have a look what the booklet for
YUV(81.5110, 75.6701, -3.9561)
contains.

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Color

**YUV(81.5110, 75.6701,
-3.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	4D36EB
RGB	77, 54, 235
RGB Percent	30%, 21%, 92%
CMY	0.6980, 0.7882, 0.0784
CMYK	0.67, 0.77, 0.00, 0.08
HSL	248°, 82%, 57%
HSV	248°, 77%, 92%
XYZ	19.3751, 10.2143, 79.5476
YIQ	81.5110, -44.3930, 61.1670

Conversions

Conversions Part 2

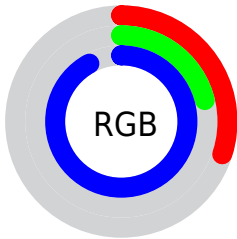
Format	Color
R_{YB}	77, 54, 235
Decimal	5060331
CIE _{Lab}	38.22, 60.54, -86.64
CIE _{LCh}	38, 105.695, 304.944
Yxy	10.2143, 0.1775, 0.0936
Android (android.graphics.Color)	4283250411 (0xFF4D36EB)
YUV	81.5110, 75.6701, -3.9561
Hunter-Lab	31.9598, 52.2833, -125.2005

Details

The YUV color **81.5110, 75.6701, -3.9561** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **207.4890, -75.6701, 3.9561**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0600, 59.6234, 9.5944**, and **20.2920, 77.7500, -17.7961** is the 20% darker color. If you saturate the color by 10%, you get **61.7310, 85.4216, -5.0261**, and if you desaturate by 10%, it is **101.8780, 65.6291, -3.4010**.

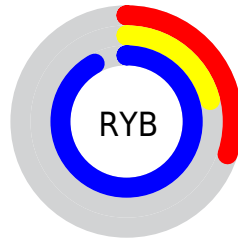
Distribution



Red (30%)

Green (21%)

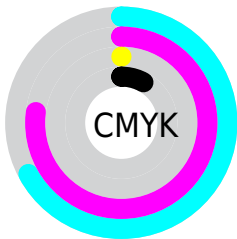
Blue (92%)



Red (30%)

Yellow (21%)

Blue (92%)

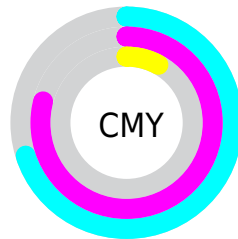


Cyan (67%)

Magenta (77%)

Yellow (0%)

Black (8%)



Cyan (70%)

Magenta (79%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5110, 75.6701, -3.9561 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 81.5110, 75.6701, -3.9561 by changing the saturation by 10% instead.

■ 81.5110, 75.6701,
-3.9561

■ 81.5110, 75.6701,
-3.9561

■ 255.0000, 0.0000,
0.0000

■ 48.2920, 77.7500,
-17.7961

■ 134.0600, 59.6234,
9.5944

■ 20.2920, 77.7500,
-17.7961

■ 158.8900, 47.3822,
15.8825

■ 17.1000, 65.5197,
-14.9967

■ 184.0080, 34.9991,
21.0410

■ 14.0220, 53.7262,
-12.2973

■ 210.0120, 22.1791,
26.2995

■ 15.7540, 40.0543,
-13.8163

■ 230.9330, 11.8650,
21.1068

■ 12.9040, 29.1343,
-11.3168

■ 247.9560, 3.4727,

■ 7.9340, 20.2455,

6.1776

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 81.5110, 75.6701,
-3.9561

■ 81.5110, 75.6701,
-3.9561

■ 61.7310, 85.4216,
-5.0261

■ 101.8780, 65.6291,
-3.4010

■ 41.6630, 95.3151,
-4.9665

■ 121.3590, 56.0250,
-2.9458

■ 35.7600, 98.2253,
-5.0515

■ 141.1390, 46.2735,
-1.8759

■ 161.2070, 36.3799,
-1.9355

■ 180.9870, 26.6284,
-0.8656

■ 201.0550, 16.7349,
-0.9252

■ 221.4220, 6.6940,
-0.3701

■ 240.9030, -2.9102,
0.0851

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



81.5110, 75.6701, -3.9561



77.1150, 43.3273, 103.3851

Triad

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



81.5110, 75.6701, -3.9561



78.6850, -38.7917, 75.6983



81.0080, 10.8421, -71.0440

Complementary

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



81.5110, 75.6701, -3.9561



207.4890, -75.6701, 3.9561

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.



67.5050, -33.2800, -59.2019



81.5110, 75.6701, -3.9561



83.3060, -41.0699, 12.8866

Square

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



81.5110, 75.6701, -3.9561



63.0890, -31.1029, 129.7179



63.9830, -31.5436, -56.1131



91.9860, 47.8279, -80.6717

Rectangle

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



81.5110, 75.6701, -3.9561



78.8040, 14.8866, 125.5829



63.9830, -31.5436, -56.1131



77.0010, -1.9725, -67.5299

Sweetspot

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



81.5110, 75.6701, -3.9561



205.1180, 24.5918, -0.9805



168.5540, 32.7579, -100.4639



97.3000, 15.1351, -1.1401



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.



81.5110, 75.6701, -3.9561



55.7600, 98.2253, -5.0515



108.1220, 62.5509, 50.7590



107.5530, 4.6574, -0.4850



27.5110, 75.6701, -3.9561



8.2490, 22.5552, -1.0954

Inverse Universe

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



126.1310, 42.3334, 95.4781



113.6350, 54.9029, 123.9771



180.8780, -62.5509, -50.7590



110.4290, 2.7465, 5.7628



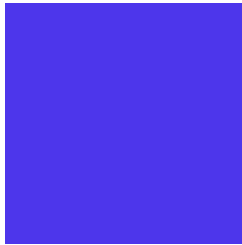
72.1310, 42.3334, 95.4781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 81.5110, 75.6701, -3.9561 looks on a white background.

Color Contrast Check

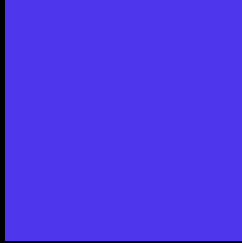
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.5110, 75.6701, -3.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

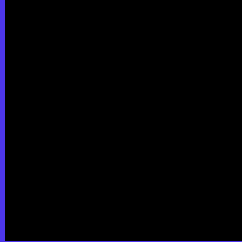
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5110, 75.6701, -3.9561

Background



This preview shows how black text looks on a background with the YUV color 81.5110, 75.6701, -3.9561.



This preview shows how white text looks on a background with the YUV color 81.5110, 75.6701, -3.9561.

-3.9561.

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

81.5110, 75.6701, -3.9561

Protanopia

71.1160, 54.1728, -62.3687

Deuteranopia

71.6740, 41.0797, -62.8581



Tritanopia

70.1970, 17.6509, -61.5628

Trichromacy



Original Color

81.5110, 75.6701, -3.9561

Protanomaly

74.7240, 62.2541, -40.9769

Deuteranomaly

75.1340, 53.6709, -41.3365

Tritanomaly

74.5350, 38.6832, -40.8112

Monochromacy



Original Color

81.5110, 75.6701, -3.9561

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9160, 27.6494, -1.6803

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5110, 75.6701, -3.9561 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, 54, 235)` looks like.

```
.text, #text, p{  
    color:rgb(77, 54, 235)  
}
```

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, 54, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 54, 235) }
```

Border

The CSS property to change the border of an element to YUV 81.5110, 75.6701, -3.9561 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, 54, 235) }
```


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

```
.border{ border-color:rgb(77, 54, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 54, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 54, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 54, 235);  
box-shadow:4px 4px 4px 4px rgb(77, 54,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 81.5110, 75.6701, -3.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 54, 235) }
```

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

```
.background{ background-color: rgb(77, 54,  
235) }
```

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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