

Converting Colors

YUV(81.3000, -5.0779, -4.6481)

Have a look what the booklet for
YUV(81.3000, -5.0779, -4.6481)
contains.

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Color

**YUV(81.3000, -5.0779,
-4.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5647
RGB	76, 86, 71
RGB Percent	30%, 34%, 28%
CMY	0.7020, 0.6627, 0.7216
CMYK	0.12, 0.00, 0.17, 0.66
HSL	100°, 10%, 31%
HSV	100°, 17%, 34%
XYZ	7.4456, 8.6470, 7.2378
YIQ	81.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

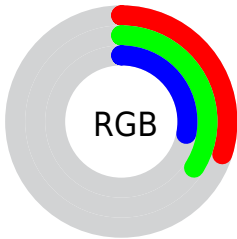
Format	Color
R_{YB}	71, 86, 81
Decimal	5002823
CIE Lab	35.30, -7.16, 7.42
CIE LCh	35, 10.315, 133.976
Yxy	8.6470, 0.3191, 0.3706
Android (android.graphics.Color)	4283192903 (0xFF4C5647)
YUV	81.3000, -5.0779, -4.6481
Hunter-Lab	29.4058, -6.2636, 5.9906

Details

The YUV color **81.3000, -5.0779, -4.6481** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **75.7000, 5.0779, 4.6481**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7730, -5.8041, -5.0629**, and **36.8270, -4.3517, -4.2333** is the 20% darker color. If you saturate the color by 10%, you get **78.4800, -8.1246, -7.4370**, and if you desaturate by 10%, it is **84.1200, -2.0312, -1.8592**.

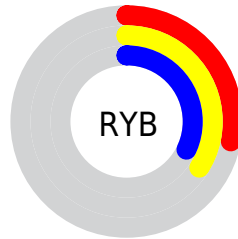
Distribution



Red (30%)

Green (34%)

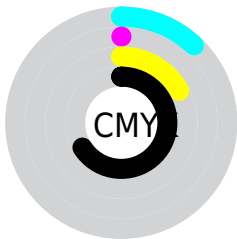
Blue (28%)



Red (28%)

Yellow (34%)

Blue (32%)

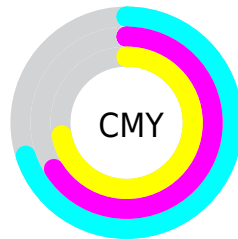


Cyan (12%)

Magenta (0%)

Yellow (17%)

Black (66%)



Cyan (70%)

Magenta (66%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3000, -5.0779, -4.6481 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 81.3000, -5.0779, -4.6481 by changing the saturation by 10% instead.

■ 81.3000, -5.0779,
-4.6481

■ 81.3000, -5.0779,
-4.6481

255.0000, 0.0000,
0.0000

■ 58.4140, -4.6411,
-4.7481

■ 130.7730, -5.8041,
-5.0629

■ 36.8270, -4.3517,
-4.2333

■ 156.7730, -5.8041,
-5.0629

■ 15.1320, -6.9671,
-5.3778

■ 183.7730, -5.8041,
-5.0629

■ 0.0000, 0.0000,
0.0000

■ 211.3600, -6.0935,
-5.5777

■ 239.3600, -6.0935,
-5.5777

■ 81.3000, -5.0779,
-4.6481

■ 81.3000, -5.0779,
-4.6481

■ 78.4800, -8.1246,
-7.4370

■ 84.1200, -2.0312,
-1.8592

■ 76.0730, -10.8820,
-9.7110

■ 86.5270, 0.7262,
0.4148

■ 73.2530, -13.9287,
-12.4999

■ 89.3470, 3.7729,
3.2037

■ 70.5470, -16.5387,
-15.3887

■ 92.0530, 6.3829,
6.0925

■ 67.7270, -19.5854,
-18.1776

■ 94.8730, 9.4296,
8.8814

■ 65.2060, -22.7796,
-20.3517

■ 97.3940, 12.6238,
11.0555

■ 62.5000, -25.3895,
-23.2405

■ 100.1000, 15.2337,
13.9443

■ 59.6800, -28.4362,

■ 102.9200, 18.2804,

-26.0294

16.7332

■ 59.1530, -29.1624,
-26.4442

■ 105.6260, 20.8904,
19.6220

Harmonies

Analogous

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



82.3610, -7.5730, 2.3144



81.3000, -5.0779, -4.6481



79.9940, -0.9830, -11.3957

Triad

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



81.3000, -5.0779, -4.6481



81.8120, 8.4737, -11.2361



84.1050, -2.5168, 13.9399

Complementary

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



81.3000, -5.0779, -4.6481



75.7000, 5.0779, 4.6481

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.



84.8210, 1.5672, 10.6810



81.3000, -5.0779, -4.6481



83.0410, 7.8678, -3.5440

Square

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



81.3000, -5.0779, -4.6481



80.3230, 6.7428, -16.0693



84.4010, 5.2253, 4.0333



84.1820, -6.0057, 12.9954

Rectangle

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



81.3000, -5.0779, -4.6481



80.0690, 1.9380, -14.9695



84.4010, 5.2253, 4.0333



84.4470, -1.2064, 13.6400

Sweetspot

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



81.3000, -5.0779, -4.6481



110.2340, -1.5944, -1.9592



81.3550, -5.1050, 4.0737



55.0600, -1.0156, -0.9296



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3000, -5.0779, -4.6481



104.5940, -7.6878, -7.5369



80.1470, -3.0305, -8.0219



41.6470, -1.3050, -1.4444



73.5730, -36.2715, -32.9515



161.2670, -79.5046, -73.0252

Inverse Universe

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



75.7000, 5.0779, 4.6481



96.1070, 7.8352, 6.9222



76.9670, 3.4673, 7.9219



40.3530, 1.3050, 1.4444



33.4270, 36.2715, 32.9515



73.4340, 79.6520, 72.4104

Previews

White Background



This preview shows how the YUV color 81.3000, -5.0779, -4.6481 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 ✓ Pass

Black Background



This preview shows how the YUV color 81.3000, -5.0779, -4.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

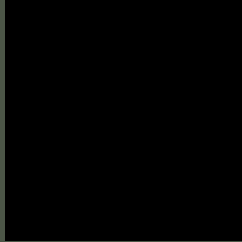
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3000, -5.0779, -4.6481

Background



This preview shows how black text looks on a background with the YUV color 81.3000, -5.0779, -4.6481.



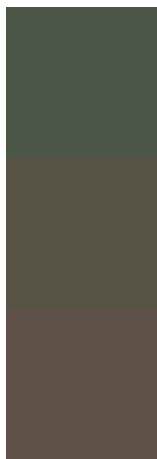
This preview shows how white text looks on a background with the YUV color 81.3000, -5.0779, -4.6481.

-4.6481.

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

81.3000, -5.0779, -4.6481

Protanopia

82.6000, -6.7048, 3.8588

Deuteranopia

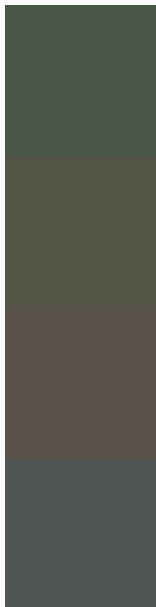
83.5730, -5.7055, 10.0215



Tritanopia

82.6020, 3.6472, -3.1590

Trichromacy



Original Color

81.3000, -5.0779, -4.6481

Protanomaly

82.1050, -5.9678, 0.7849

Deuteranomaly

82.6540, -5.2524, 4.6884

Tritanomaly

82.0920, 0.4476, -3.5887

Monochromacy



Original Color

81.3000, -5.0779, -4.6481

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3000, -5.0779, -4.6481 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(76, 86, 71)` looks like.

```
.text, #text, p{  
    color:rgb(76, 86, 71)  
}
```

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(76, 86, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 86, 71) }
```

Border

The CSS property to change the border of an element to YUV 81.3000, -5.0779, -4.6481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

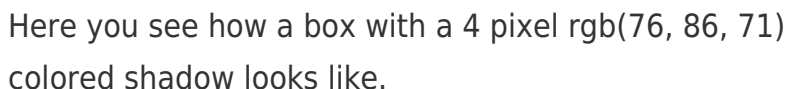
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 86, 71) }
```


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

```
.border{ border-color:rgb(76, 86, 71) }
```

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



Here you see how a box with a 4 pixel `rgb(76, 86, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 86, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 86, 71);  
box-shadow:4px 4px 4px 4px rgb(76, 86, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3000, -5.0779, -4.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 86, 71) }
```

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

```
.background{ background-color: rgb(76, 86,  
71) }
```

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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