

Converting Colors

YUV(170.3000, 41.7571,
-46.7441)

Have a look what the booklet for
YUV(170.3000, 41.7571, -46.7441)
contains.

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Color

**YUV(170.3000, 41.7571,
-46.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	75B5FF
RGB	117, 181, 255
RGB Percent	46%, 71%, 100%
CMY	0.5412, 0.2902, 0.0000
CMYK	0.54, 0.29, 0.00, 0.00
HSL	212°, 100%, 73%
HSV	212°, 54%, 100%
XYZ	41.9100, 44.0497, 100.9013
YIQ	170.3000, -61.8980, 9.4460

Conversions

Conversions Part 2

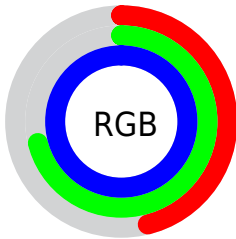
Format	Color
RYB	117, 161, 255
Decimal	7714303
CIELab	72.26, 0.13, -42.81
CIElCh	72, 42.813, 270.171
Yxy	44.0497, 0.2243, 0.2357
Android (android.graphics.Color)	4285904383 (0xFF75B5FF)
YUV	170.3000, 41.7571, -46.7441
Hunter-Lab	66.3699, -3.4316, -43.6788

Details

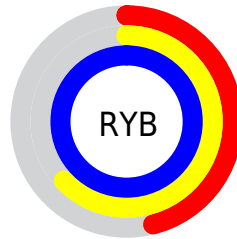
The YUV color **170.3000, 41.7571, -46.7441** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **201.7000, -41.7571, 46.7441**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8130, 16.8542, -39.3010**, and **113.8430, 41.4894, -54.2363** is the 20% darker color. If you saturate the color by 10%, you get **154.3080, 49.6412, -55.5211**, and if you desaturate by 10%, it is **186.2920, 33.8730, -37.9671**.

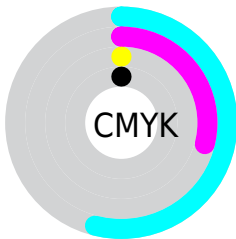
Distribution



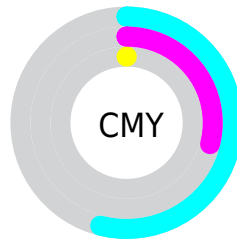
- Red (46%)
- Green (71%)
- Blue (100%)



- Red (46%)
- Yellow (63%)
- Blue (100%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3000, 41.7571, -46.7441 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 170.3000, 41.7571, -46.7441 by changing the saturation by 10% instead.

■ 170.3000, 41.7571,
-46.7441

■ 170.3000, 41.7571,
-46.7441

■ 255.0000, 0.0000,
0.0000

■ 141.8760, 41.4731,
-49.0033

■ 220.8130, 16.8542,
-39.3010

■ 113.8430, 41.4894,
-54.2363

■ 240.3490, 7.2229,
-30.1241

■ 80.4280, 44.1590,
-70.5354

■ 249.3190, 2.8007,
-11.6808

■ 63.3760, 39.7476,
-55.5808

■ 46.9110, 35.0469,
-41.1409

■ 32.2070, 29.4779,
-28.2455

■ 16.5570, 25.3614,

-14.5205

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 170.3000, 41.7571,
-46.7441

■ 170.3000, 41.7571,
-46.7441

■ 154.3080, 49.6412,
-55.5211

■ 186.2920, 33.8730,
-37.9671

■ 139.2020, 57.0884,
-64.1982

■ 201.3980, 26.4258,
-29.2900

■ 123.2100, 64.9725,
-72.9752

■ 217.3900, 18.5417,
-20.5130

■ 107.5170, 72.7091,
-81.1374

■ 233.0830, 10.8051,
-12.3508

■ 98.3360, 77.2354,
-86.2407

■ 248.1890, 3.3578,
-3.6738

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



143.8200, 49.3887, -114.7291



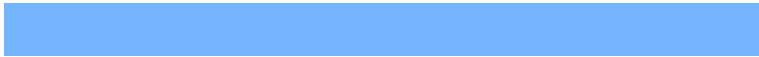
170.3000, 41.7571, -46.7441



180.0780, 32.0065, 0.8086

Triad

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



170.3000, 41.7571, -46.7441



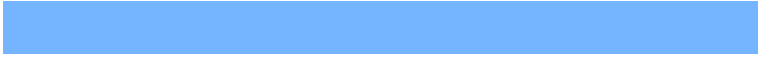
179.0590, -19.2561, 63.0923



163.5820, -13.1049, -43.4834

Complementary

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



170.3000, 41.7571, -46.7441



201.7000, -41.7571, 46.7441

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.



170.2200, -30.6745, -8.0859



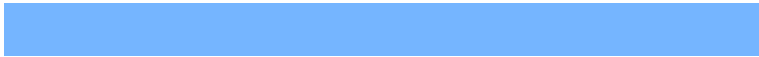
170.3000, 41.7571, -46.7441



176.7140, -32.8900, 49.3628

Square

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



170.3000, 41.7571, -46.7441



180.7440, -1.3528, 60.7375



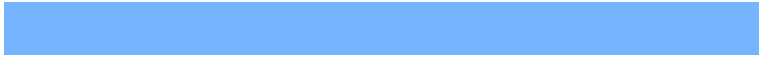
174.2950, -37.6134, 24.2973



151.2400, 12.2067, -88.7875

Rectangle

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



170.3000, 41.7571, -46.7441



182.1370, 22.6105, 27.9439



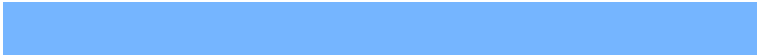
174.2950, -37.6134, 24.2973



166.2370, -19.8368, -30.9028

Sweetspot

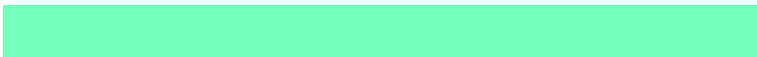
The Sweet Spot groups the original color and five complimentary colors.



170.3000, 41.7571, -46.7441



229.8270, 12.4103, -13.8803



206.4420, -7.6129, -78.4406



112.8940, 7.4473, -8.6770



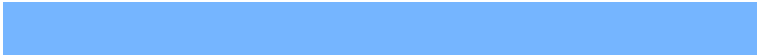
0.0000, 0.0000, 0.0000



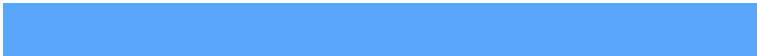
128.0000, 0.0000, 0.0000

Same Dimension

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



170.3000, 41.7571, -46.7441



153.1230, 50.2254, -56.2359



134.2270, 59.5411, -10.7231



120.0040, 3.9420, -4.3885



74.0170, 57.6726, -64.9129



24.9060, 19.2733, -21.8426

Inverse Universe

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



165.5580, 7.6129, 78.4406



147.4120, 9.1639, 94.3547



237.7730, -59.5411, 10.7231



119.5710, 0.7045, 7.3922



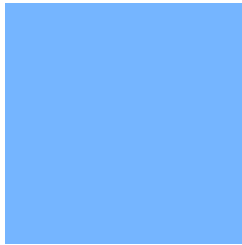
67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 170.3000, 41.7571, -46.7441 looks on a white background.

Color Contrast Check

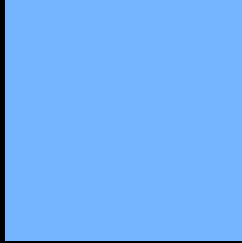
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 170.3000, 41.7571, -46.7441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

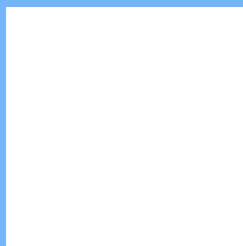
Any Text WCAG AAA ✓ Pass

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

YUV 170.3000, 41.7571, -46.7441 Background



This preview shows how black text looks on a background with the YUV color 170.3000, 41.7571, -46.7441.



This preview shows how white text looks on a background with the YUV color 170.3000, 41.7571, -46.7441.

-46.7441.

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

170.3000, 41.7571, -46.7441

Protanopia

176.2710, 35.8554, -20.4087

Deuteranopia

175.1500, 39.3661, -26.4415



Tritanopia

164.6150, 20.4028, -57.5444

Trichromacy



Original Color

170.3000, 41.7571, -46.7441

Protanomaly

174.3730, 37.7771, -30.1451

Deuteranomaly

173.3340, 40.2613, -33.6189

Tritanomaly

166.9990, 28.1015, -53.4961

Monochromacy



Original Color

170.3000, 41.7571, -46.7441

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3000, 41.7571, -46.7441 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(117, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 181, 255)  
}
```

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(117, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 181, 255) }
```

Border

The CSS property to change the border of an element to YUV 170.3000, 41.7571, -46.7441 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(117, 181, 255) }
```


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

```
.border{ border-color:rgb(117, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 170.3000, 41.7571, -46.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 181, 255) }
```

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

```
.background{ background-color: rgb(117,  
181, 255) }
```

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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