

Converting Colors

YUV(180.6330, 36.6629,
-46.1591)

Have a look what the booklet for
YUV(180.6330, 36.6629, -46.1591)
contains.

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Color

**YUV(180.6330, 36.6629,
-46.1591)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 80C1FF |
| RGB | 128, 193, 255 |
| RGB Percent | 50%, 76%, 100% |
| CMY | 0.4980, 0.2431, 0.0000 |
| CMYK | 0.50, 0.24, 0.00, 0.00 |
| HSL | 209°, 100%, 75% |
| HSV | 209°, 50%, 100% |
| XYZ | 46.0221, 49.9491, 101.8233 |
| YIQ | 180.6330, -58.6420, 5.5020 |

Conversions

Conversions Part 2

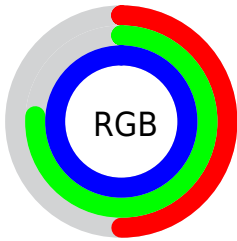
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 128, 171, 255 |
| Decimal | 8438271 |
| CIE Lab | 76.04, -4.09, -36.89 |
| CIE LCh | 76, 37.120, 263.675 |
| Yxy | 49.9491, 0.2327, 0.2525 |
| Android (android.graphics.Color) | 4286628351 (0xFF80C1FF) |
| YUV | 180.6330, 36.6629, -46.1591 |
| Hunter-Lab | 70.6747, -7.4448, -35.9487 |

Details

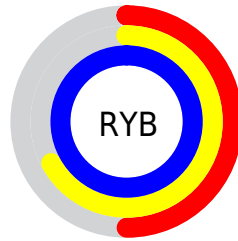
The YUV color **180.6330, 36.6629, -46.1591** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.3670, -36.6629, 46.1591**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8470, 11.9074, -39.3308**, and **125.0840, 35.9476, -50.0627** is the 20% darker color. If you saturate the color by 10%, you get **166.1140, 43.8208, -55.3510**, and if you desaturate by 10%, it is **195.4510, 29.3577, -36.3525**.

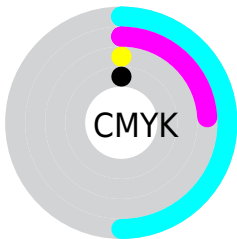
Distribution



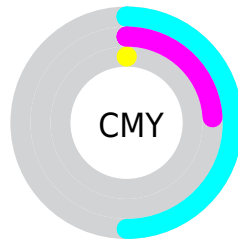
- Red (50%)
- Green (76%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6330, 36.6629, -46.1591 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 180.6330, 36.6629, -46.1591 by changing the saturation by 10% instead.

■ 180.6330, 36.6629,
-46.1591

■ 180.6330, 36.6629,
-46.1591

255.0000, 0.0000,
0.0000

■ 152.8070, 36.0841,
-47.1887

■ 230.8470, 11.9074,
-39.3308

■ 125.0840, 35.9476,
-50.0627

■ 243.3390, 5.7489,
-23.9763

■ 95.3820, 37.2797,
-57.3400

■ 252.3090, 1.3267,
-5.5330

■ 69.2460, 36.8537,
-60.7287

■ 52.7810, 32.1530,
-46.2889

■ 37.0170, 27.5996,
-32.4639

■ 22.5410, 22.9043,

-19.7685

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 180.6330, 36.6629,
-46.1591

■ 180.6330, 36.6629,
-46.1591

■ 166.1140, 43.8208,
-55.3510

■ 195.4510, 29.3577,
-36.3525

■ 150.7090, 51.4155,
-64.6428

■ 210.5570, 21.9104,
-27.6755

■ 135.8910, 58.7207,
-74.4494

■ 225.3750, 14.6051,
-17.8689

■ 120.7850, 66.1680,
-83.1264

■ 240.4810, 7.1579,
-9.1918

■ 105.9670, 73.4733, 255.0000, 0.0000,
-92.9331 0.0000

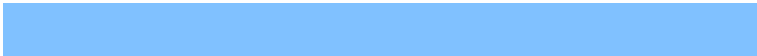
Harmonies

Analogous

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



168.5980, 36.1872, -80.3314



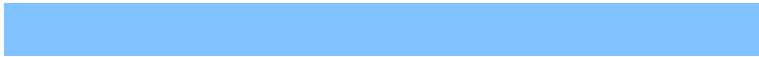
180.6330, 36.6629, -46.1591



189.1650, 29.9917, -6.2837

Triad

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



180.6330, 36.6629, -46.1591



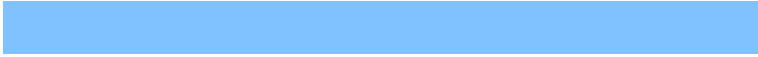
190.3940, -13.9982, 56.6595



177.9750, -15.7637, -30.6731

Complementary

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



180.6330, 36.6629, -46.1591



202.3670, -36.6629, 46.1591

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.



182.7310, -28.9544, 0.2359



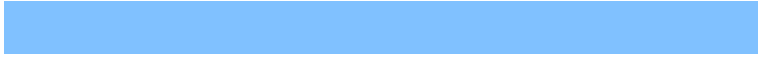
180.6330, 36.6629, -46.1591



188.1960, -27.2116, 48.0631

Square

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



180.6330, 36.6629, -46.1591



191.8890, 2.0267, 50.0863



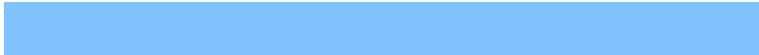
185.8700, -32.9669, 27.3010



171.5270, 3.6842, -61.8522

Rectangle

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



180.6330, 36.6629, -46.1591



191.9570, 22.2062, 17.5777



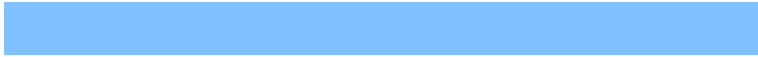
185.8700, -32.9669, 27.3010



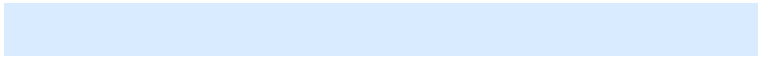
179.3740, -20.8904, -19.6220

Sweetspot

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



180.6330, 36.6629, -46.1591



232.4850, 11.0999, -13.5803



209.5030, -10.1080, -71.4781



114.0790, 6.8631, -7.9623



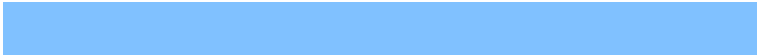
0.0000, 0.0000, 0.0000



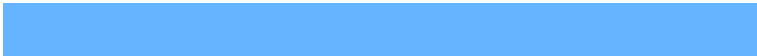
128.0000, 0.0000, 0.0000

Same Dimension

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



180.6330, 36.6629, -46.1591



165.2280, 44.2576, -55.4510



143.6520, 54.8946, -13.7268



120.0040, 3.9420, -4.3885



79.3000, 55.0681, -69.5461



26.6670, 18.4052, -23.3870

Inverse Universe

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



173.3830, 9.6712, 71.5781



156.6390, 11.5170, 86.2626



239.3480, -54.8946, 13.7268



119.5710, 0.7045, 7.3922



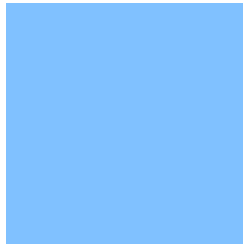
68.2810, 14.6515, 107.6246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 180.6330, 36.6629, -46.1591 looks on a white background.

Color Contrast Check

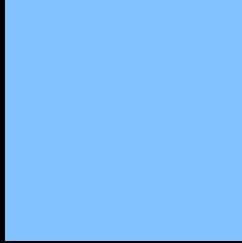
Large Text (above 18pt) WCAG AA × Fail

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 180.6330, 36.6629, -46.1591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

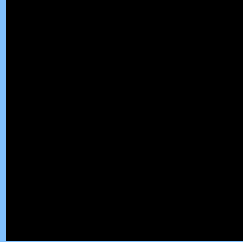
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

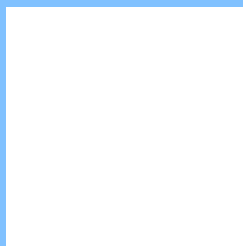
Any Text WCAG AAA ✓ Pass

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

YUV 180.6330, 36.6629, -46.1591 Background



This preview shows how black text looks on a background with the YUV color 180.6330, 36.6629, -46.1591.



This preview shows how white text looks on a background with the YUV color 180.6330, 36.6629, -46.1591.

-46.1591.

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

180.6330, 36.6629, -46.1591

Protanopia

186.8110, 30.1662, -15.6202

Deuteranopia

186.4130, 33.8134, -18.7792



Tritanopia

176.4090, 19.5184, -53.8557

Trichromacy



Original Color

180.6330, 36.6629, -46.1591

Protanomaly

184.4290, 32.8195, -26.6862

Deuteranomaly

184.2870, 34.8615, -28.3157

Tritanomaly

177.7390, 25.7647, -50.6371

Monochromacy



Original Color

180.6330, 36.6629, -46.1591

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6330, 36.6629, -46.1591 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(128, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 193, 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(128, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 193, 255) }
```

Border

The CSS property to change the border of an element to YUV 180.6330, 36.6629, -46.1591 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(128, 193, 255) }
```


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

```
.border{ border-color:rgb(128, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 193,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 180.6330, 36.6629, -46.1591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 193, 255) }
```

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

```
.background{ background-color: rgb(128,  
193, 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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