

Converting Colors

YUV(186.6450, 31.7270,
-49.6777)

Have a look what the booklet for
YUV(186.6450, 31.7270, -49.6777)
contains.

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Color

**YUV(186.6450, 31.7270,
-49.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	82CBFB
RGB	130, 203, 251
RGB Percent	51%, 80%, 98%
CMY	0.4902, 0.2039, 0.0157
CMYK	0.48, 0.19, 0.00, 0.02
HSL	204°, 94%, 75%
HSV	204°, 48%, 98%
XYZ	47.9744, 54.4227, 99.2429
YIQ	186.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

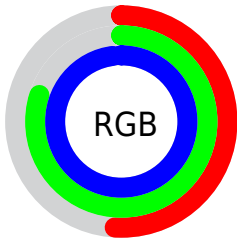
Format	Color
RYB	130, 176, 251
Decimal	8571899
CIELab	78.71, -10.12, -30.63
CIELCh	79, 32.254, 251.713
Yxy	54.4227, 0.2379, 0.2699
Android (android.graphics.Color)	4286761979 (0xFF82CBFB)
YUV	186.6450, 31.7270, -49.6777
Hunter-Lab	73.7718, -13.0204, -28.1208

Details

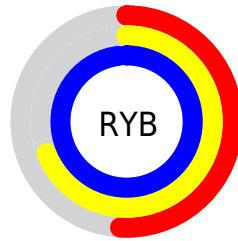
The YUV color **186.6450, 31.7270, -49.6777** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **194.3550, -31.7270, 49.6777**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **130.5090, 31.3011, -53.0664** is the 20% darker color. If you saturate the color by 10%, you get **173.3000, 38.3061, -59.8991**, and if you desaturate by 10%, it is **199.9900, 25.1479, -39.4562**.

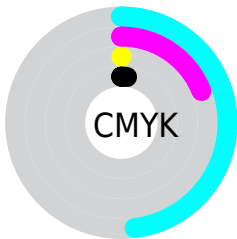
Distribution



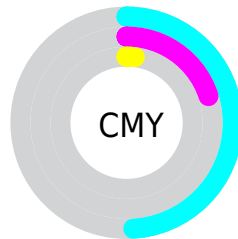
- Red (51%)
- Green (80%)
- Blue (98%)



- Red (51%)
- Yellow (69%)
- Blue (98%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6450, 31.7270, -49.6777 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 186.6450, 31.7270, -49.6777 by changing the saturation by 10% instead.

■ 186.6450, 31.7270,
-49.6777

■ 186.6450, 31.7270,
-49.6777

255.0000, 0.0000,
0.0000

■ 158.8190, 31.1482,
-50.7073

■ 234.9670, 9.8763,
-41.1901

■ 130.5090, 31.3011,
-53.0664

■ 243.9370, 5.4541,
-22.7467

■ 101.7040, 32.1909,
-58.4994

■ 252.9070, 1.0318,
-4.3034

■ 73.4860, 32.7914,
-64.4472

■ 57.1350, 28.5274,
-50.1074

■ 40.7840, 24.2635,
-35.7676

■ 25.7210, 19.8575,

-22.5573

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 186.6450, 31.7270,
-49.6777

■ 186.6450, 31.7270,
-49.6777

■ 173.3000, 38.3061,
-59.8991

■ 199.9900, 25.1479,
-39.4562

■ 159.9550, 44.8852,
-70.1205

■ 213.3350, 18.5688,
-29.2348

■ 146.6100, 51.4643,
-80.3420

■ 226.6800, 11.9898,
-19.0134

■ 133.2650, 58.0434,
-90.5634

■ 240.0250, 5.4107,
-8.7919

■ 119.6210, 64.7698,
-101.3996

■ 253.3700, -1.1684,
1.4295

■ 117.2510, 65.9383,
-102.8291

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



179.8570, 26.6925, -68.2806



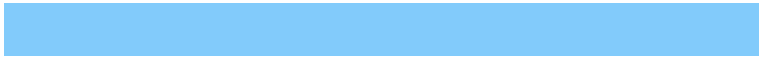
186.6450, 31.7270, -49.6777



194.4470, 28.8666, -18.8090

Triad

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



186.6450, 31.7270, -49.6777



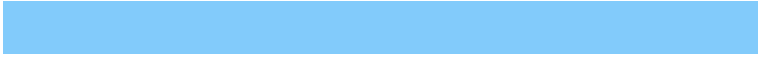
198.7720, -7.2826, 49.3120



188.4500, -19.4488, -15.3036

Complementary

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



186.6450, 31.7270, -49.6777



194.3550, -31.7270, 49.6777

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.



192.1390, -27.6765, 10.4021



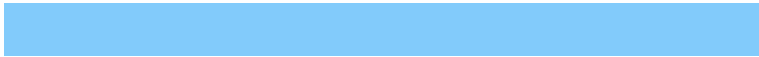
186.6450, 31.7270, -49.6777



196.7320, -20.0809, 47.5930

Square

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



186.6450, 31.7270, -49.6777



199.7780, 7.0114, 37.9057



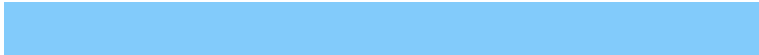
194.8690, -28.0364, 32.5639



183.8840, -4.3798, -41.9943

Rectangle

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



186.6450, 31.7270, -49.6777



197.3250, 23.9968, 3.2230



194.8690, -28.0364, 32.5639



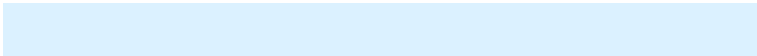
189.2940, -22.8229, -6.3968

Sweetspot

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



186.6450, 31.7270, -49.6777



236.0180, 9.3581, -14.9248



206.2710, -14.9236, -66.8897



116.1390, 5.8475, -8.8919



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.



186.6450, 31.7270, -49.6777



176.1150, 38.8903, -60.6139



152.0120, 48.8011, -19.3045



118.1780, 3.3632, -5.4181



88.4640, 49.5642, -77.5829



28.6730, 15.9372, -25.1462

Inverse Universe

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



174.5010, 14.0500, 67.0896



161.3980, 17.0588, 82.0890



228.9880, -48.8011, 19.3045



116.7990, 1.5781, 7.1923



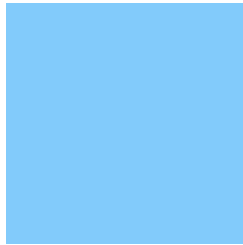
69.5070, 21.9350, 104.7954



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 186.6450, 31.7270, -49.6777 looks on a white background.

Color Contrast Check

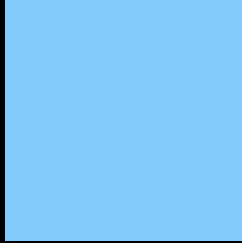
Large Text (above 18pt) WCAG AA × Fail

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 186.6450, 31.7270, -49.6777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

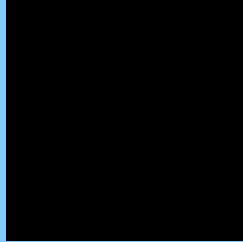
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

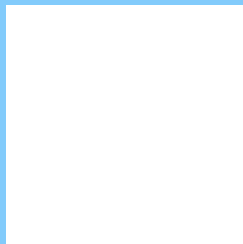
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.6450, 31.7270, -49.6777

Background



This preview shows how black text looks on a background with the YUV color 186.6450, 31.7270, -49.6777.



This preview shows how white text looks on a background with the YUV color 186.6450, 31.7270, -49.6777.

-49.6777.

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

186.6450, 31.7270, -49.6777

Protanopia

194.5250, 23.8982, -11.8614

Deuteranopia

194.8930, 29.1398, -13.0612



Tritanopia

184.1100, 19.6658, -54.4705

Trichromacy



Original Color

186.6450, 31.7270, -49.6777

Protanomaly

191.5340, 26.8517, -25.9013

Deuteranomaly

191.7450, 30.1987, -26.0864

Tritanomaly

184.9730, 24.1703, -52.5963

Monochromacy



Original Color

186.6450, 31.7270, -49.6777

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8650, 11.4056, -18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6450, 31.7270, -49.6777 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(130, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 251)  
}
```

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(130, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 251) }
```

Border

The CSS property to change the border of an element to YUV 186.6450, 31.7270, -49.6777 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(130, 203, 251) }
```


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

```
.border{ border-color:rgb(130, 203, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 203, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(130, 203,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 186.6450, 31.7270, -49.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 203, 251) }
```

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

```
.background{ background-color: rgb(130,  
203, 251) }
```

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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