

Converting Colors

YUV(177.8280, 34.1018,
-64.7472)

Have a look what the booklet for
YUV(177.8280, 34.1018, -64.7472)
contains.

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Color

**YUV(177.8280, 34.1018,
-64.7472)**

Conversions

Conversions Part 1

Format	Color
Hex	68CAF7
RGB	104, 202, 247
RGB Percent	41%, 79%, 97%
CMY	0.5922, 0.2078, 0.0314
CMYK	0.58, 0.18, 0.00, 0.03
HSL	199°, 90%, 69%
HSV	199°, 58%, 97%
XYZ	43.6180, 51.8995, 95.7144
YIQ	177.8280, -72.8530, -6.7810

Conversions

Conversions Part 2

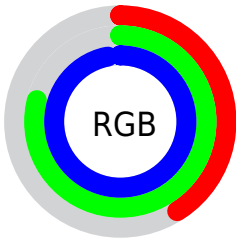
Format	Color
RYB	104, 162, 247
Decimal	6867703
CIELab	77.22, -16.15, -30.86
CIELCh	77, 34.832, 242.383
Yxy	51.8995, 0.2281, 0.2714
Android (android.graphics.Color)	4285057783 (0xFF68CAF7)
YUV	177.8280, 34.1018, -64.7472
Hunter-Lab	72.0413, -17.9982, -28.3440

Details

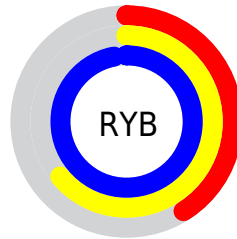
The YUV color **177.8280, 34.1018, -64.7472** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.1720, -34.1018, 64.7472**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0900, 13.2666, -55.3299**, and **117.2070, 35.8869, -77.3575** is the 20% darker color. If you saturate the color by 10%, you get **165.6570, 40.1021, -75.9982**, and if you desaturate by 10%, it is **189.9990, 28.1015, -53.4961**.

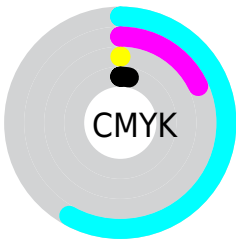
Distribution



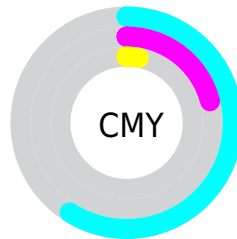
- Red (41%)
- Green (79%)
- Blue (97%)



- Red (41%)
- Yellow (64%)
- Blue (97%)



- Cyan (58%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (59%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8280, 34.1018, -64.7472 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 177.8280, 34.1018, -64.7472 by changing the saturation by 10% instead.

■ 177.8280, 34.1018,
-64.7472

■ 177.8280, 34.1018,
-64.7472

■ 255.0000, 0.0000,
0.0000

■ 148.8060, 34.1126,
-68.2359

■ 228.0900, 13.2666,
-55.3299

■ 117.2070, 35.8869,
-77.3575

■ 237.0600, 8.8444,
-36.8866

■ 90.1960, 35.8924,
-79.1019

■ 246.0300, 4.4222,
-18.4433

■ 72.5570, 31.7704,
-63.6325

■ 55.5050, 27.3590,
-48.6779

■ 39.8550, 23.2425,
-34.9528

■ 25.3790, 18.5472,

-22.2574

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 177.8280, 34.1018,
-64.7472

■ 177.8280, 34.1018,
-64.7472

■ 165.6570, 40.1021,
-75.9982

■ 189.9990, 28.1015,
-53.4961

■ 153.7850, 45.9550,
-86.6344

■ 201.8710, 22.2486,
-42.8599

■ 142.2010, 51.6659,
-98.4003

■ 213.4550, 16.5377,
-31.0940

■ 130.0300, 57.6662,
-109.6513

■ 225.6260, 10.5374,
-19.8430

■ 127.3610, 58.9820,
-111.6956

■ 237.4980, 4.6845,
-9.2067

■ 249.6690, -1.3158,
2.0443

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



171.2640, 25.9988, -79.1615



177.8280, 34.1018, -64.7472



187.5100, 33.2726, -32.0193

Triad

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



177.8280, 34.1018, -64.7472



194.6350, -2.7781, 51.1861



184.8270, -24.5647, -7.7413

Complementary

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



177.8280, 34.1018, -64.7472



173.1720, -34.1018, 64.7472

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.



188.9830, -31.0506, 19.3089



177.8280, 34.1018, -64.7472



192.8620, -17.1870, 52.7410

Square

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



177.8280, 34.1018, -64.7472



195.5370, 12.5533, 33.7321



191.5110, -28.3529, 40.7709



180.4240, -10.0690, -37.2058

Rectangle

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



177.8280, 34.1018, -64.7472



192.1110, 28.5393, -7.1133



191.5110, -28.3529, 40.7709



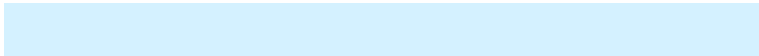
186.0840, -27.6494, 1.6803

Sweetspot

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



177.8280, 34.1018, -64.7472



233.9250, 10.3900, -19.2282



192.8430, -22.6006, -77.9153



114.9430, 6.4371, -11.3510



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.



177.8280, 34.1018, -64.7472



170.0910, 41.8601, -79.8868



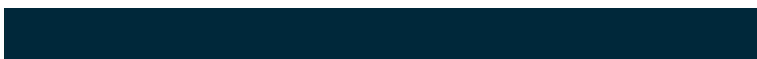
137.3250, 54.0698, -29.2260



116.6510, 2.6371, -5.8329



96.3400, 44.2024, -84.4902



30.2060, 14.1954, -26.4907

Inverse Universe

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



157.9290, 21.7270, 78.1153



145.4180, 26.9089, 96.1034



213.6750, -54.0698, 29.2260



114.6140, 2.1623, 6.4775



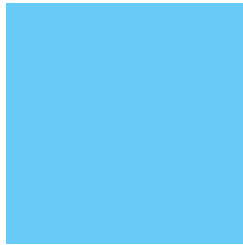
70.2060, 28.4924, 101.5513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 177.8280, 34.1018, -64.7472 looks on a white background.

Color Contrast Check

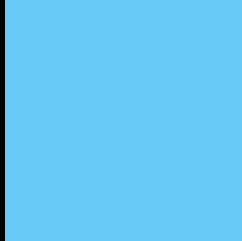
Large Text (above 18pt) WCAG AA × Fail

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 177.8280, 34.1018, -64.7472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

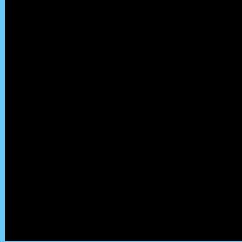
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

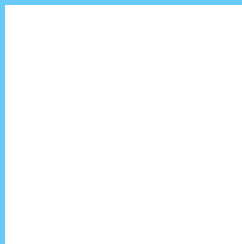
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.8280, 34.1018, -64.7472

Background



This preview shows how black text looks on a background with the YUV color 177.8280, 34.1018, -64.7472.



This preview shows how white text looks on a background with the YUV color 177.8280, 34.1018, -64.7472.

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

177.8280, 34.1018, -64.7472

Protanopia

190.5960, 22.8772, -11.0467

Deuteranopia

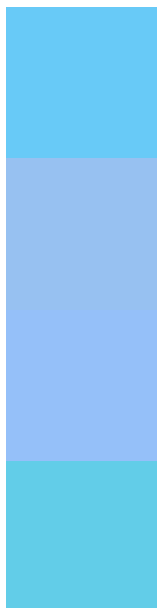
190.5940, 29.2872, -13.6759



Tritanopia

174.4500, 23.9352, -70.5546

Trichromacy



Original Color

177.8280, 34.1018, -64.7472

Protanomaly

185.9140, 27.1574, -30.6196

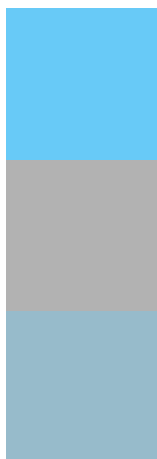
Deuteranomaly

185.6410, 31.2360, -32.1342

Tritanomaly

176.0850, 27.5661, -68.4805

Monochromacy



Original Color

177.8280, 34.1018, -64.7472

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0600, 12.2954, -23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8280, 34.1018, -64.7472 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(104, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(104, 202, 247)  
}
```

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(104, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 202, 247) }
```

Border

The CSS property to change the border of an element to YUV 177.8280, 34.1018, -64.7472 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(104, 202, 247) }
```


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

```
.border{ border-color:rgb(104, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 202, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 202, 247); box-shadow:4px 4px 4px 4px rgb(104, 202, 247) }
```

Background

The CSS property to change the background color of an element to YUV 177.8280, 34.1018, -64.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 202, 247) }
```

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

```
.background{ background-color: rgb(104,  
202, 247) }
```

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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