

Converting Colors

YUV(179.6700, 37.1377,
-58.4696)

Have a look what the booklet for
YUV(179.6700, 37.1377, -58.4696)
contains.

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Color

**YUV(179.6700, 37.1377,
-58.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	71C7FF
RGB	113, 199, 255
RGB Percent	44%, 78%, 100%
CMY	0.5569, 0.2196, 0.0000
CMYK	0.56, 0.22, 0.00, 0.00
HSL	204°, 100%, 72%
HSV	204°, 56%, 100%
XYZ	45.2835, 51.5776, 102.1765
YIQ	179.6700, -69.2320, -0.8160

Conversions

Conversions Part 2

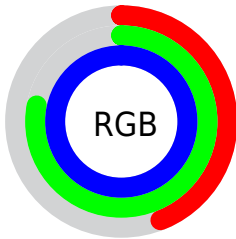
Format	Color
R _Y B	113, 167, 255
Decimal	7456767
CIE Lab	77.03, -10.47, -35.41
CIE LCh	77, 36.928, 253.535
Yxy	51.5776, 0.2275, 0.2591
Android (android.graphics.Color)	4285646847 (0xFF71C7FF)
YUV	179.6700, 37.1377, -58.4696
Hunter-Lab	71.8175, -13.1301, -34.0810

Details

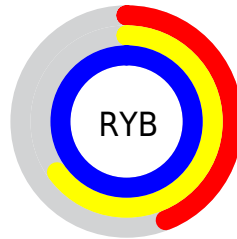
The YUV color **179.6700, 37.1377, -58.4696** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **188.3300, -37.1377, 58.4696**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.4820, 12.0874, -50.4117**, and **121.1420, 37.8910, -66.7765** is the 20% darker color. If you saturate the color by 10%, you get **166.3250, 43.7168, -68.6910**, and if you desaturate by 10%, it is **193.3140, 30.4112, -47.6334**.

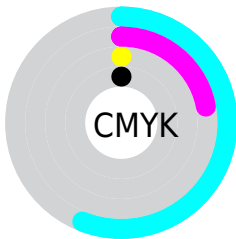
Distribution



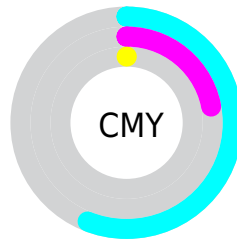
- Red (44%)
- Green (78%)
- Blue (100%)



- Red (44%)
- Yellow (65%)
- Blue (100%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6700, 37.1377, -58.4696 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 179.6700, 37.1377, -58.4696 by changing the saturation by 10% instead.

■ 179.6700, 37.1377,
-58.4696

■ 179.6700, 37.1377,
-58.4696

255.0000, 0.0000,
0.0000

■ 150.9470, 37.0011,
-61.3435

■ 230.4820, 12.0874,
-50.4117

■ 121.1420, 37.8910,
-66.7765

■ 239.4520, 7.6652,
-31.9684

■ 89.9340, 39.9655,
-78.8721

■ 248.4220, 3.2430,
-13.5251

■ 72.1810, 35.4068,
-63.3027

■ 55.1290, 30.9954,
-48.3481

■ 39.3650, 26.4421,
-34.5231

■ 24.8890, 21.7467,

-21.8277

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 179.6700, 37.1377,
-58.4696

■ 179.6700, 37.1377,
-58.4696

■ 166.3250, 43.7168,
-68.6910

■ 193.3140, 30.4112,
-47.6334

■ 152.6810, 50.4433,
-79.5272

■ 206.6590, 23.8321,
-37.4119

■ 139.0370, 57.1698,
-90.3634

■ 220.3030, 17.1056,
-26.5757

■ 125.6920, 63.7488,
-100.5849

■ 233.6480, 10.5265,
-16.3543

■ 119.4680, 66.8173,
-104.7734

■ 247.2920, 3.8000,
-5.5181

255.0000, 0.0000,
0.0000

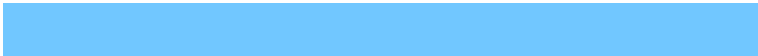
Harmonies

Analogous

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



169.0550, 33.0039, -85.9942



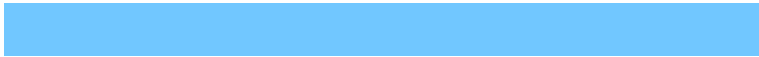
179.6700, 37.1377, -58.4696



189.3590, 32.3610, -19.6088

Triad

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



179.6700, 37.1377, -58.4696



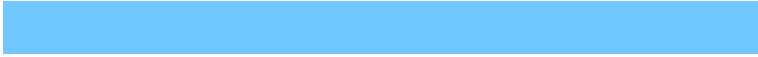
192.5770, -8.1725, 54.7450



182.3740, -20.8904, -19.6220

Complementary

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



179.6700, 37.1377, -58.4696



188.3300, -37.1377, 58.4696

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.



186.5150, -31.3129, 10.0723



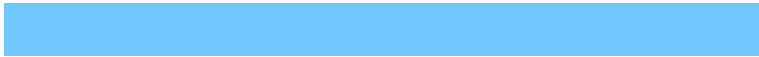
179.6700, 37.1377, -58.4696



191.9560, -23.1493, 51.7816

Square

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



179.6700, 37.1377, -58.4696



194.6370, 7.5740, 44.1684



189.8540, -31.9730, 35.2080



176.1710, -3.0423, -51.0160

Rectangle

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



179.6700, 37.1377, -58.4696



193.6180, 26.3173, 5.5970



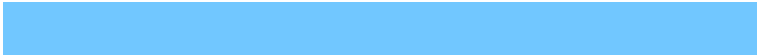
189.8540, -31.9730, 35.2080



183.5880, -25.4329, -9.2857

Sweetspot

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



179.6700, 37.1377, -58.4696



232.1640, 11.2581, -17.6838



202.5100, -17.5064, -78.5003



113.7690, 7.0159, -10.3214



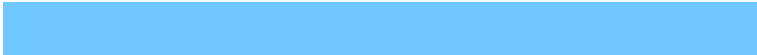
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



179.6700, 37.1377, -58.4696



164.5420, 44.5958, -70.6353



139.1670, 57.1057, -22.9485



120.5910, 3.6526, -4.9033



89.8660, 49.8591, -78.8125



30.1890, 16.6688, -26.4758

Inverse Universe

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



165.2620, 16.6328, 78.7002



146.9850, 20.2204, 94.7292



228.8330, -57.1057, 22.9485



119.6850, 1.1413, 7.2923



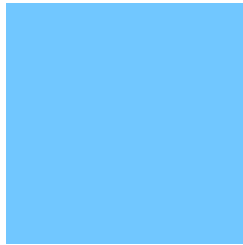
70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 179.6700, 37.1377, -58.4696 looks on a white background.

Color Contrast Check

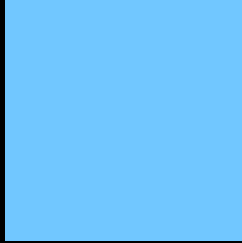
Large Text (above 18pt) WCAG AA × Fail

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 179.6700, 37.1377, -58.4696 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

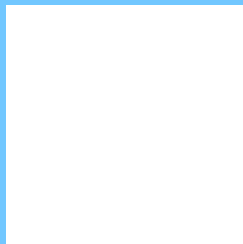
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.6700, 37.1377, -58.4696

Background



This preview shows how black text looks on a background with the YUV color 179.6700, 37.1377, -58.4696.



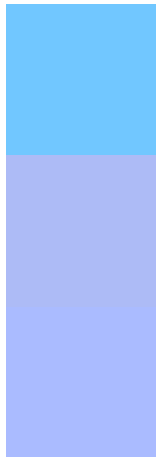
This preview shows how white text looks on a background with the YUV color 179.6700, 37.1377, -58.4696.

-58.4696.

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

179.6700, 37.1377, -58.4696

Protanopia

189.5400, 27.8348, -14.5056

Deuteranopia

189.6690, 32.2082, -17.2497



Tritanopia

175.5430, 22.9033, -66.2512

Trichromacy



Original Color

179.6700, 37.1377, -58.4696

Protanomaly

185.6520, 31.2306, -30.3898

Deuteranomaly

185.7380, 34.1462, -32.2192

Tritanomaly

177.2320, 27.9866, -63.3475

Monochromacy



Original Color

179.6700, 37.1377, -58.4696

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0110, 13.3056, -21.0576

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6700, 37.1377, -58.4696 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(113, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 199, 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(113, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 199, 255) }
```

Border

The CSS property to change the border of an element to YUV 179.6700, 37.1377, -58.4696 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(113, 199, 255) }
```


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

```
.border{ border-color:rgb(113, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 199,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 179.6700, 37.1377, -58.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 199, 255) }
```

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

```
.background{ background-color: rgb(113,  
199, 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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