

Converting Colors

YUV(179.3160, 37.3122,
-67.8061)

Have a look what the booklet for
YUV(179.3160, 37.3122, -67.8061)
contains.

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Color

**YUV(179.3160, 37.3122,
-67.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	66CCFF
RGB	102, 204, 255
RGB Percent	40%, 80%, 100%
CMY	0.6000, 0.2000, 0.0000
CMYK	0.60, 0.20, 0.00, 0.00
HSL	200°, 100%, 70%
HSV	200°, 60%, 100%
XYZ	45.1224, 53.2305, 102.5041
YIQ	179.3160, -77.1630, -5.7630

Conversions

Conversions Part 2

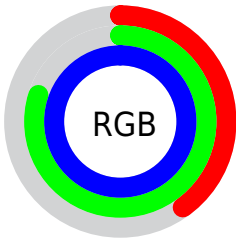
Format	Color
R _Y B	102, 163, 255
Decimal	6737151
CIE Lab	78.01, -15.17, -33.93
CIE LCh	78, 37.164, 245.911
Yxy	53.2305, 0.2246, 0.2650
Android (android.graphics.Color)	4284927231 (0xFF66CCFF)
YUV	179.3160, 37.3122, -67.8061
Hunter-Lab	72.9592, -17.2836, -32.2280

Details

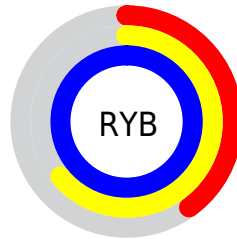
The YUV color **179.3160, 37.3122, -67.8061** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **177.6840, -37.3122, 67.8061**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **116.0040, 40.4240, -85.9495** is the 20% darker color. If you saturate the color by 10%, you get **167.1450, 43.3125, -79.0572**, and if you desaturate by 10%, it is **192.3730, 30.8751, -56.4551**.

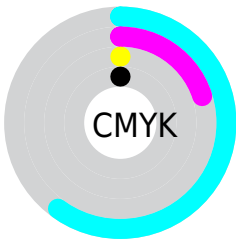
Distribution



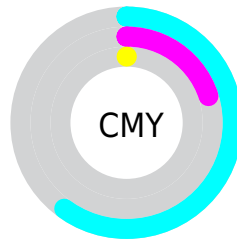
- Red (40%)
- Green (80%)
- Blue (100%)



- Red (40%)
- Yellow (64%)
- Blue (100%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3160, 37.3122, -67.8061 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 179.3160, 37.3122, -67.8061 by changing the saturation by 10% instead.

■ 179.3160, 37.3122,
-67.8061

■ 179.3160, 37.3122,
-67.8061

255.0000, 0.0000,
0.0000

■ 149.9950, 37.4705,
-71.9096

■ 227.7910, 13.4140,
-55.9447

■ 116.0040, 40.4240,
-85.9495

■ 236.7610, 8.9918,
-37.5014

■ 92.2820, 38.8080,
-80.9313

■ 246.0300, 4.4222,
-18.4433

■ 74.5290, 34.2492,
-65.3619

■ 57.4770, 29.8378,
-50.4073

■ 41.7130, 25.2845,
-36.5823

■ 26.6500, 20.8786,

-23.3720

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 179.3160, 37.3122,
-67.8061

■ 179.3160, 37.3122,
-67.8061

■ 167.1450, 43.3125,
-79.0572

■ 192.3730, 30.8751,
-56.4551

■ 154.0880, 49.7496,
-90.4082

■ 204.5440, 24.8748,
-45.2041

■ 141.6180, 55.8973,
-102.2740

■ 217.6010, 18.4377,
-33.8531

■ 128.8600, 62.1870,
-113.0102

■ 229.7720, 12.4374,
-22.6020

■ 242.8290, 6.0003,
-11.2510

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.



170.6480, 30.2465, -88.2683



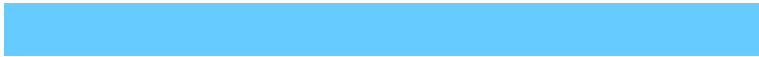
179.3160, 37.3122, -67.8061



189.5920, 32.2461, -29.4602

Triad

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



179.3160, 37.3122, -67.8061



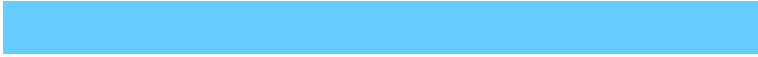
195.5920, -4.2359, 52.1008



186.0930, -24.6958, -12.3596

Complementary

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



179.3160, 37.3122, -67.8061



177.6840, -37.3122, 67.8061

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.



190.2170, -32.6450, 17.3497



179.3160, 37.3122, -67.8061



194.1780, -19.8078, 53.3409

Square

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



179.3160, 37.3122, -67.8061



198.0430, 11.8108, 38.5503



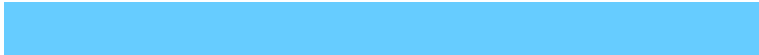
192.9410, -30.5369, 41.2707



180.5480, -8.1582, -43.4536

Rectangle

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



179.3160, 37.3122, -67.8061



195.3610, 29.4020, -3.8246



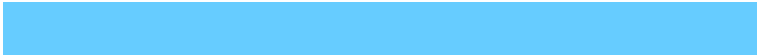
192.9410, -30.5369, 41.2707



187.5350, -28.3648, -2.2232

Sweetspot

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



179.3160, 37.3122, -67.8061



232.4410, 11.1216, -20.5578



197.6250, -22.0001, -83.8631



113.4590, 7.1687, -12.6805



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.



179.3160, 37.3122, -67.8061



164.1770, 44.7757, -81.7162



135.8780, 58.7271, -29.7110



121.1780, 3.3632, -5.4181



96.9100, 46.3864, -84.9901



32.5370, 15.5113, -28.5349

Inverse Universe

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



159.3750, 22.0001, 83.8631



140.0380, 26.6033, 100.8217



222.8830, -59.5953, 28.1666



119.7990, 1.5781, 7.1923



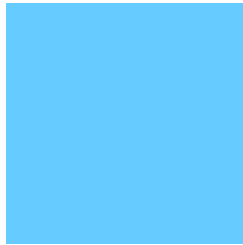
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 179.3160, 37.3122, -67.8061 looks on a white background.

Color Contrast Check

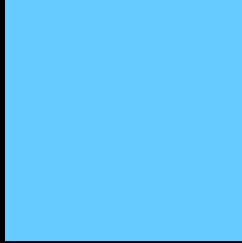
Large Text (above 18pt) WCAG AA × Fail

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 179.3160, 37.3122, -67.8061 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

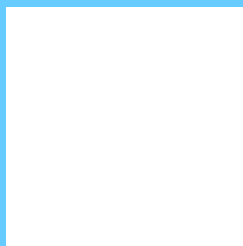
Any Text WCAG AAA ✓ Pass

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

YUV 179.3160, 37.3122, -67.8061 Background



This preview shows how black text looks on a background with the YUV color 179.3160, 37.3122, -67.8061.



This preview shows how white text looks on a background with the YUV color 179.3160, 37.3122, -67.8061.

-67.8061.

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

179.3160, 37.3122, -67.8061

Protanopia

192.5680, 25.3560, -12.7761

Deuteranopia

192.0390, 31.0398, -15.8202



Tritanopia

175.0580, 25.1144, -75.4729

Trichromacy



Original Color

179.3160, 37.3122, -67.8061

Protanomaly

187.5870, 29.7836, -32.9638

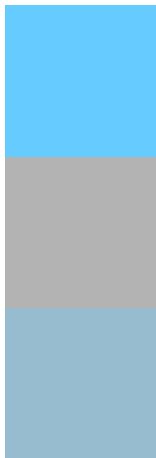
Deuteranomaly

187.2000, 33.4254, -34.3784

Tritanomaly

176.6330, 29.7609, -72.4691

Monochromacy



Original Color

179.3160, 37.3122, -67.8061

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1030, 13.7532, -24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3160, 37.3122, -67.8061 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(102, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 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(102, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 255) }
```

Border

The CSS property to change the border of an element to YUV 179.3160, 37.3122, -67.8061 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(102, 204, 255) }
```


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

```
.border{ border-color:rgb(102, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 179.3160, 37.3122, -67.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 255) }
```

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

```
.background{ background-color: rgb(102,  
204, 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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