

Converting Colors

YUV(179.0390, 37.4488,
-64.9322)

Have a look what the booklet for
YUV(179.0390, 37.4488, -64.9322)
contains.

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Color

**YUV(179.0390, 37.4488,
-64.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	69CAFF
RGB	105, 202, 255
RGB Percent	41%, 79%, 100%
CMY	0.5882, 0.2078, 0.0000
CMYK	0.59, 0.21, 0.00, 0.00
HSL	201°, 100%, 71%
HSV	201°, 59%, 100%
XYZ	44.9962, 52.4643, 102.3628
YIQ	179.0390, -74.8250, -4.0810

Conversions

Conversions Part 2

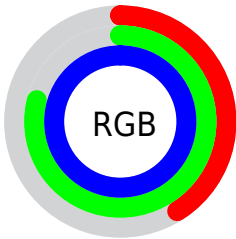
Format	Color
R _Y B	105, 164, 255
Decimal	6933247
CIE Lab	77.56, -13.58, -34.62
CIE LCh	78, 37.187, 248.583
Yxy	52.4643, 0.2252, 0.2626
Android (android.graphics.Color)	4285123327 (0xFF69CAFF)
YUV	179.0390, 37.4488, -64.9322
Hunter-Lab	72.4323, -15.8690, -33.0873

Details

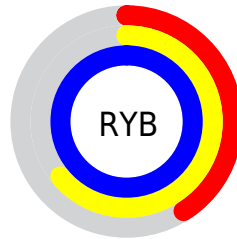
The YUV color **179.0390, 37.4488, -64.9322** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **180.9610, -37.4488, 64.9322**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, 13.1192, -54.7152**, and **117.5210, 39.6761, -79.3869** is the 20% darker color. If you saturate the color by 10%, you get **166.2810, 43.7385, -75.6684**, and if you desaturate by 10%, it is **192.0960, 31.0117, -53.5812**.

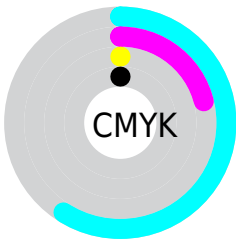
Distribution



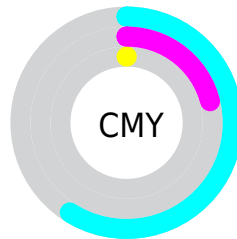
- Red (41%)
- Green (79%)
- Blue (100%)



- Red (41%)
- Yellow (64%)
- Blue (100%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.0390, 37.4488, -64.9322 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 179.0390, 37.4488, -64.9322 by changing the saturation by 10% instead.

■ 179.0390, 37.4488,
-64.9322

■ 179.0390, 37.4488,
-64.9322

255.0000, 0.0000,
0.0000

■ 150.0170, 37.4596,
-68.4209

■ 228.3890, 13.1192,
-54.7152

■ 117.5210, 39.6761,
-79.3869

■ 237.6580, 8.5496,
-35.6571

■ 91.1080, 39.3868,
-79.9017

■ 246.6280, 4.1274,
-17.2138

■ 73.3550, 34.8280,
-64.3323

■ 56.8900, 30.1272,
-49.8925

■ 40.5390, 25.8633,
-35.5527

■ 26.0630, 21.1679,

-22.8573

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 179.0390, 37.4488,
-64.9322

■ 179.0390, 37.4488,
-64.9322

■ 166.2810, 43.7385,
-75.6684

■ 192.0960, 31.0117,
-53.5812

■ 153.2240, 50.1756,
-87.0194

■ 204.8540, 24.7220,
-42.8450

■ 140.1670, 56.6127,
-98.3705

■ 217.6120, 18.4323,
-32.1087

■ 127.4090, 62.9024,
-109.1067

■ 230.6690, 11.9952,
-20.7577

■ 125.9250, 63.6340,
-110.4362

■ 243.7260, 5.5581,
-9.4067

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.



168.9900, 31.5569, -88.5682



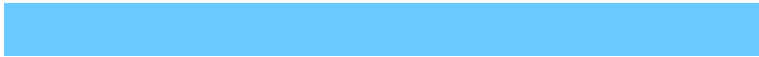
179.0390, 37.4488, -64.9322



189.6140, 32.2353, -25.9715

Triad

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



179.0390, 37.4488, -64.9322



193.9620, -5.4043, 53.5303



184.4240, -23.3800, -14.4038

Complementary

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



179.0390, 37.4488, -64.9322



180.9610, -37.4488, 64.9322

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.



188.6080, -32.3447, 14.3758



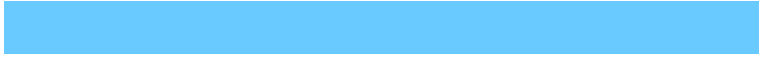
179.0390, 37.4488, -64.9322



193.1350, -21.2656, 54.2556

Square

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



179.0390, 37.4488, -64.9322



196.7120, 10.4950, 40.5946



191.4030, -31.2577, 39.1116



178.5800, -6.6949, -46.1127

Rectangle

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



179.0390, 37.4488, -64.9322



194.1550, 28.5176, -0.1359



191.4030, -31.2577, 39.1116



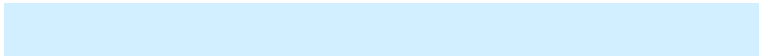
185.7520, -27.4857, -4.1675

Sweetspot

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



179.0390, 37.4488, -64.9322



231.8540, 11.4110, -20.0430



199.0920, -20.2584, -82.5187



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.



179.0390, 37.4488, -64.9322



163.3130, 45.2017, -78.3275



135.0140, 59.1531, -26.3223



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Inverse Universe

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



160.9080, 20.2584, 82.5187



141.4570, 24.4247, 99.5772



224.9860, -59.1531, 26.3223



119.7990, 1.5781, 7.1923



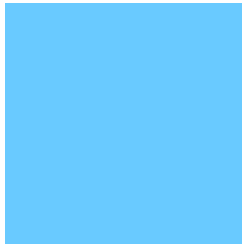
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 179.0390, 37.4488, -64.9322 looks on a white background.

Color Contrast Check

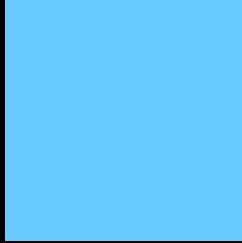
Large Text (above 18pt) WCAG AA × Fail

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 179.0390, 37.4488, -64.9322 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

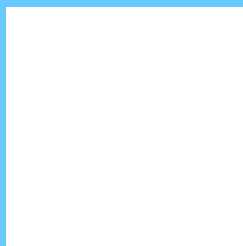
Any Text WCAG AAA ✓ Pass

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

YUV 179.0390, 37.4488, -64.9322 Background



This preview shows how black text looks on a background with the YUV color 179.0390, 37.4488, -64.9322.



This preview shows how white text looks on a background with the YUV color 179.0390, 37.4488, -64.9322.

-64.9322.

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

179.0390, 37.4488, -64.9322

Protanopia

190.9100, 26.6664, -13.0761

Deuteranopia

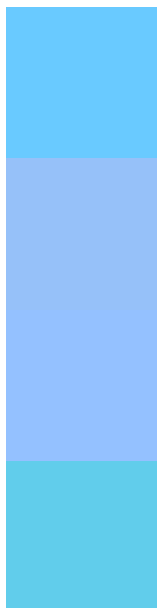
190.8540, 31.6240, -16.5350



Tritanopia

174.5530, 24.3774, -72.3990

Trichromacy



Original Color

179.0390, 37.4488, -64.9322

Protanomaly

186.5270, 30.7992, -32.0342

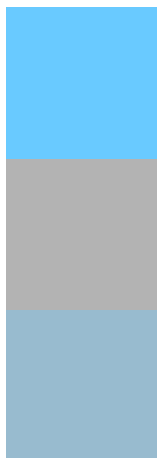
Deuteranomaly

186.6130, 33.7148, -33.8636

Tritanomaly

176.1280, 29.0239, -69.3953

Monochromacy



Original Color

179.0390, 37.4488, -64.9322

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8150, 13.8952, -23.5168

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.0390, 37.4488, -64.9322 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(105, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 202, 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(105, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 202, 255) }
```

Border

The CSS property to change the border of an element to YUV 179.0390, 37.4488, -64.9322 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

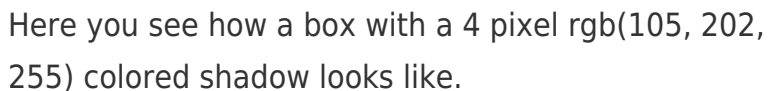
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 202, 255) }
```


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

```
.border{ border-color:rgb(105, 202, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 202,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 179.0390, 37.4488, -64.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 202, 255) }
```

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

```
.background{ background-color: rgb(105,  
202, 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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