

Converting Colors

YUV(176.2350, 36.8591,
-62.4731)

Have a look what the booklet for
YUV(176.2350, 36.8591, -62.4731)
contains.

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Color

**YUV(176.2350, 36.8591,
-62.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	69C6FB
RGB	105, 198, 251
RGB Percent	41%, 78%, 98%
CMY	0.5882, 0.2235, 0.0157
CMYK	0.58, 0.21, 0.00, 0.02
HSL	202°, 95%, 70%
HSV	202°, 58%, 98%
XYZ	43.4324, 50.3565, 98.6974
YIQ	176.2350, -72.4410, -3.2330

Conversions

Conversions Part 2

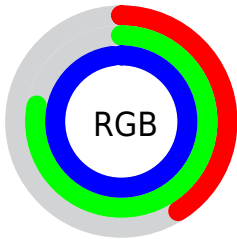
Format	Color
R _Y B	105, 162, 251
Decimal	6932219
CIE Lab	76.29, -12.67, -34.44
CIE LCh	76, 36.699, 249.800
Yxy	50.3565, 0.2256, 0.2616
Android (android.graphics.Color)	4285122299 (0xFF69C6FB)
YUV	176.2350, 36.8591, -62.4731
Hunter-Lab	70.9623, -14.9333, -32.7895

Details

The YUV color **176.2350, 36.8591, -62.4731** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **179.7650, -36.8591, 62.4731**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3890, 13.1192, -54.7152**, and **115.6140, 38.6443, -75.0835** is the 20% darker color. If you saturate the color by 10%, you get **163.4770, 43.1488, -73.2093**, and if you desaturate by 10%, it is **188.9930, 30.5695, -51.7369**.

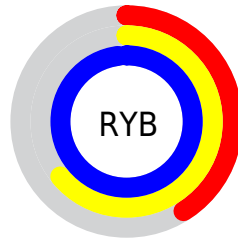
Distribution



Red (41%)

Green (78%)

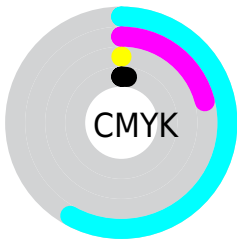
Blue (98%)



Red (41%)

Yellow (64%)

Blue (98%)

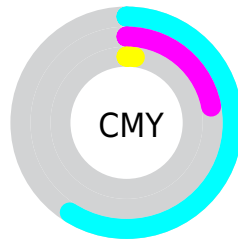


Cyan (58%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (59%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2350, 36.8591, -62.4731 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 176.2350, 36.8591, -62.4731 by changing the saturation by 10% instead.

■ 176.2350, 36.8591,
-62.4731

■ 176.2350, 36.8591,
-62.4731

255.0000, 0.0000,
0.0000

■ 147.2130, 36.8700,
-65.9618

■ 228.3890, 13.1192,
-54.7152

■ 115.6140, 38.6443,
-75.0835

■ 237.3590, 8.6970,
-36.2718

■ 88.8910, 38.5077,
-77.9574

■ 246.3290, 4.2748,
-17.8285

■ 71.1380, 33.9490,
-62.3880

■ 54.2000, 29.9744,
-47.5334

■ 38.4360, 25.4211,
-33.7084

■ 23.9600, 20.7257,

-21.0129

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 176.2350, 36.8591,
-62.4731

■ 176.2350, 36.8591,
-62.4731

■ 163.4770, 43.1488,
-73.2093

■ 188.9930, 30.5695,
-51.7369

■ 150.7190, 49.4385,
-83.9456

■ 201.7510, 24.2798,
-41.0006

■ 137.9610, 55.7282,
-94.6818

■ 214.5090, 17.9901,
-30.2644

■ 125.2030, 62.0179,
-105.4180

■ 227.2670, 11.7004,
-19.5282

■ 122.5340, 63.3337,
-107.4623

■ 240.6120, 5.1213,
-9.3067

■ 253.3700, -1.1684,
1.4295

■ 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.



166.0010, 31.5515, -86.8239



176.2350, 36.8591, -62.4731



186.9670, 33.5403, -24.5271

Triad

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



176.2350, 36.8591, -62.4731



191.6310, -6.7201, 55.5746



180.9400, -22.6484, -15.7334

Complementary

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



176.2350, 36.8591, -62.4731



179.7650, -36.8591, 62.4731

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.



185.1240, -31.6131, 13.0463



176.2350, 36.8591, -62.4731



190.3090, -21.8443, 53.2260

Square

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



176.2350, 36.8591, -62.4731



192.7830, 9.4740, 41.4093



187.8050, -30.9629, 37.8820



175.5090, -5.6739, -46.9274

Rectangle

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



176.2350, 36.8591, -62.4731



190.6390, 27.7860, 1.1936



187.8050, -30.9629, 37.8820



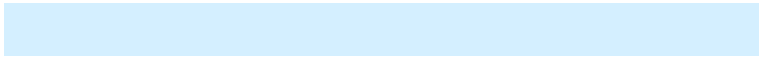
182.2680, -26.7541, -5.4970

Sweetspot

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



176.2350, 36.8591, -62.4731



232.7510, 10.9688, -18.1986



196.5160, -19.9744, -80.2595



114.3560, 6.7265, -10.8362



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.



176.2350, 36.8591, -62.4731



163.6230, 45.0489, -75.9684



134.5580, 57.4059, -25.9224



118.1780, 3.3632, -5.4181



91.9860, 47.8279, -80.6717



29.8470, 15.3584, -26.1758

Inverse Universe

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



159.2560, 19.1008, 80.4595



143.1040, 23.1197, 98.1328



221.4420, -57.4059, 25.9224



116.7990, 1.5781, 7.1923



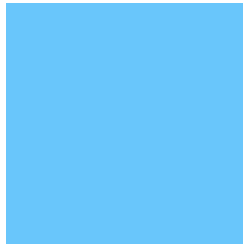
70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 176.2350, 36.8591, -62.4731 looks on a white background.

Color Contrast Check

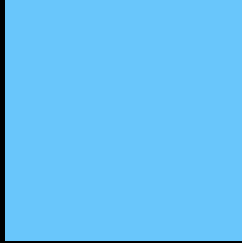
Large Text (above 18pt) WCAG AA × Fail

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 176.2350, 36.8591, -62.4731 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

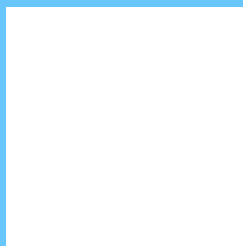
Any Text WCAG AAA ✓ Pass

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

YUV 176.2350, 36.8591, -62.4731 Background



This preview shows how black text looks on a background with the YUV color 176.2350, 36.8591, -62.4731.

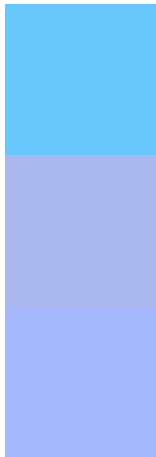


This preview shows how white text looks on a background with the YUV color 176.2350, 36.8591, -62.4731.

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

176.2350, 36.8591, -62.4731

Protanopia

187.4970, 26.3770, -13.5909

Deuteranopia

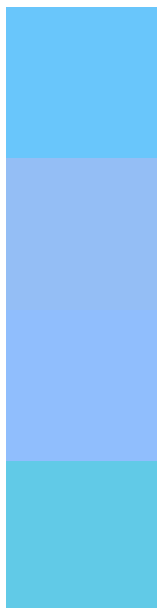
187.4840, 32.7924, -17.9645



Tritanopia

172.3360, 23.4984, -70.4547

Trichromacy



Original Color

176.2350, 36.8591, -62.4731

Protanomaly

183.7120, 30.2150, -31.3194

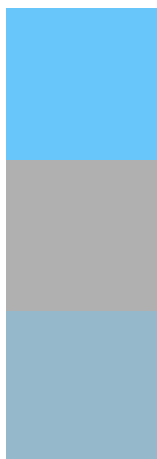
Deuteranomaly

183.4280, 34.2990, -34.5784

Tritanomaly

173.9110, 28.1449, -67.4509

Monochromacy



Original Color

176.2350, 36.8591, -62.4731

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0000, 13.3110, -22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2350, 36.8591, -62.4731 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, 198, 251)` looks like.

```
.text, #text, p{  
    color:rgb(105, 198, 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(105, 198, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 198, 251) }
```

Border

The CSS property to change the border of an element to YUV 176.2350, 36.8591, -62.4731 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, 198, 251) }
```


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

```
.border{ border-color:rgb(105, 198, 251) }
```

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

Here you see how a box with a 4 pixel rgb(105, 198, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 198, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 198, 251);  
box-shadow:4px 4px 4px 4px rgb(105, 198,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 176.2350, 36.8591, -62.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 198, 251) }
```

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

```
.background{ background-color: rgb(105,  
198, 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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