

Converting Colors

YUV(171.5070, 34.2600,
-68.8506)

Have a look what the booklet for
YUV(171.5070, 34.2600, -68.8506)
contains.

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Color

**YUV(171.5070, 34.2600,
-68.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC6F1
RGB	93, 198, 241
RGB Percent	36%, 78%, 95%
CMY	0.6353, 0.2235, 0.0549
CMYK	0.61, 0.18, 0.00, 0.05
HSL	197°, 84%, 65%
HSV	197°, 61%, 95%
XYZ	40.5855, 49.0662, 90.5507
YIQ	171.5070, -76.3830, -8.8870

Conversions

Conversions Part 2

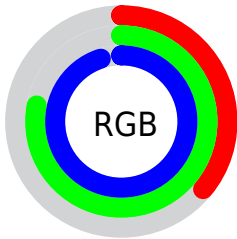
Format	Color
R _{YB}	93, 154, 241
Decimal	6145777
CIE Lab	75.49, -17.85, -30.33
CIE LCh	75, 35.196, 239.524
Yxy	49.0662, 0.2252, 0.2723
Android (android.graphics.Color)	4284335857 (0xFF5DC6F1)
YUV	171.5070, 34.2600, -68.8506
Hunter-Lab	70.0473, -19.1596, -27.6116

Details

The YUV color **171.5070, 34.2600, -68.8506** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **162.4930, -34.2600, 68.8506**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **105.6180, 39.1353, -92.6270** is the 20% darker color. If you saturate the color by 10%, you get **160.2220, 39.8236, -80.0017**, and if you desaturate by 10%, it is **182.7920, 28.6965, -57.6996**.

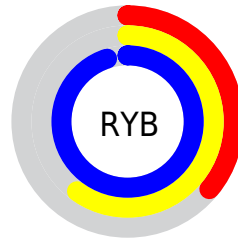
Distribution



Red (36%)

Green (78%)

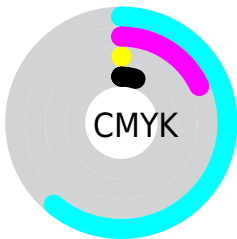
Blue (95%)



Red (36%)

Yellow (60%)

Blue (95%)

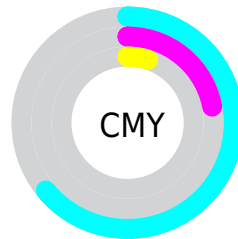


Cyan (61%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5070, 34.2600, -68.8506 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 171.5070, 34.2600, -68.8506 by changing the saturation by 10% instead.

■ 171.5070, 34.2600,
-68.8506

■ 171.5070, 34.2600,
-68.8506

255.0000, 0.0000,
0.0000

■ 142.0010, 35.0025,
-73.6689

■ 225.1000, 14.7407,
-61.4777

■ 105.6180, 39.1353,
-92.6270

■ 234.0700, 10.3185,
-43.0344

■ 87.2780, 34.8659,
-76.5428

■ 243.3390, 5.7489,
-23.9763

■ 70.2260, 30.4546,
-61.5882

■ 252.3090, 1.3267,
-5.5330

■ 53.1740, 26.0432,
-46.6336

■ 36.9370, 22.2161,
-32.3937

■ 23.0480, 17.2313,

-20.2131

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 171.5070, 34.2600,
-68.8506

■ 171.5070, 34.2600,
-68.8506

■ 160.2220, 39.8236,
-80.0017

■ 182.7920, 28.6965,
-57.6996

■ 148.9370, 45.3871,
-91.1527

■ 194.0770, 23.1330,
-46.5485

■ 137.6520, 50.9506,
-102.3038

■ 205.3620, 17.5695,
-35.3975

■ 127.8510, 55.7825,
-112.1253

■ 216.6470, 12.0060,
-24.2464

■ 227.9320, 6.4425,
-13.0954

■ 239.5160, 0.7316,
-1.3295

■ 248.7080, -3.8000,
5.5181

■ 252.8170, -5.8258,
1.9145

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

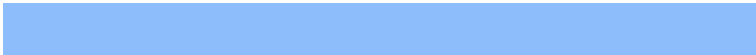
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.7260, 25.2781, -81.3207



171.5070, 34.2600, -68.8506



181.6020, 33.7202, -35.6080

Triad

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



171.5070, 34.2600, -68.8506



189.7920, -0.8835, 50.1714



180.9090, -25.5911, -5.1822

Complementary

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



171.5070, 34.2600, -68.8506



162.4930, -34.2600, 68.8506

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.



184.2930, -31.2034, 21.6680



171.5070, 34.2600, -68.8506



188.5030, -16.0240, 53.0559

Square

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



171.5070, 34.2600, -68.8506



190.8680, 13.8691, 31.6878



186.7500, -27.4847, 42.3153



175.6910, -11.6797, -33.9320

Rectangle

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



171.5070, 34.2600, -68.8506



187.0180, 29.5711, -11.4168



186.7500, -27.4847, 42.3153



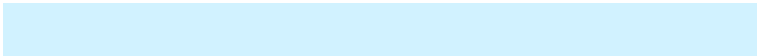
182.1660, -28.6758, 4.2394

Sweetspot

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



171.5070, 34.2600, -68.8506



233.6150, 10.5428, -21.5874



184.6640, -24.4844, -80.3893



114.0460, 6.8793, -13.1953



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.



171.5070, 34.2600, -68.8506



166.2040, 43.7764, -87.8789



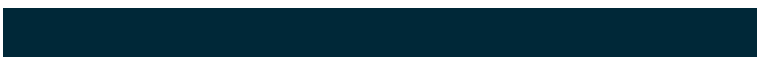
128.6560, 55.3856, -31.2703



114.0640, 2.9264, -5.3181



97.2860, 42.7500, -85.3198



29.8640, 12.8850, -26.1907

Inverse Universe

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



149.2220, 24.0476, 80.4893



137.7870, 30.6710, 102.7958



205.3440, -55.3856, 31.2703



112.5000, 1.7255, 6.5775



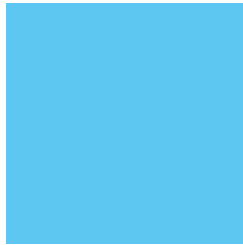
69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 171.5070, 34.2600, -68.8506 looks on a white background.

Color Contrast Check

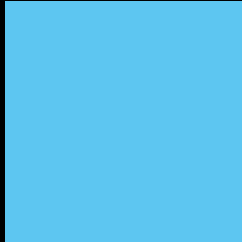
Large Text (above 18pt) WCAG AA × Fail

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 171.5070, 34.2600, -68.8506 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

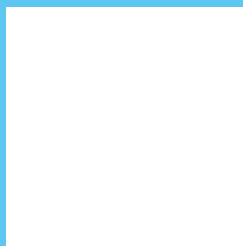
Any Text WCAG AAA ✓ Pass

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

YUV 171.5070, 34.2600, -68.8506 Background



This preview shows how black text looks on a background with the YUV color 171.5070, 34.2600, -68.8506.

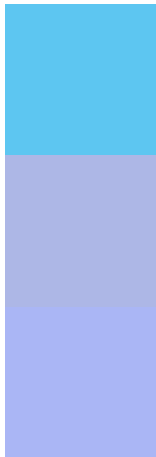


This preview shows how white text looks on a background with the YUV color 171.5070, 34.2600, -68.8506.

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

171.5070, 34.2600, -68.8506

Protanopia

185.3680, 22.0036, -10.8467

Deuteranopia

185.5940, 29.2872, -13.6759



Tritanopia

167.9440, 24.6776, -75.3729

Trichromacy



Original Color

171.5070, 34.2600, -68.8506



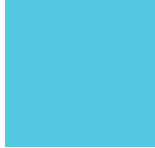
Protanomaly

180.0880, 26.5786, -31.6492



Deuteranomaly

180.6300, 31.2414, -33.8785



Tritanomaly

169.4650, 27.8718, -73.1988

Monochromacy



Original Color

171.5070, 34.2600, -68.8506



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.4620, 12.5902, -24.9612

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5070, 34.2600, -68.8506 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(93, 198, 241)` looks like.

```
.text, #text, p{  
    color:rgb(93, 198, 241)  
}
```

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(93, 198, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 198, 241) }
```

Border

The CSS property to change the border of an element to YUV 171.5070, 34.2600, -68.8506 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(93, 198, 241) }
```


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

```
.border{ border-color:rgb(93, 198, 241) }
```

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

Here you see how a box with a 4 pixel rgb(93, 198, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 198, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 198, 241);  
box-shadow:4px 4px 4px 4px rgb(93, 198,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 171.5070, 34.2600, -68.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 198, 241) }
```

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

```
.background{ background-color: rgb(93, 198,  
241) }
```

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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