

Converting Colors

YUV(171.6810, 33.6813,
-69.8802)

Have a look what the booklet for
YUV(171.6810, 33.6813, -69.8802)
contains.

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Color

**YUV(171.6810, 33.6813,
-69.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC7F0
RGB	92, 199, 240
RGB Percent	36%, 78%, 94%
CMY	0.6392, 0.2196, 0.0588
CMYK	0.62, 0.17, 0.00, 0.06
HSL	197°, 83%, 65%
HSV	197°, 62%, 94%
XYZ	40.5652, 49.4134, 89.8378
YIQ	171.6810, -76.9330, -9.9330

Conversions

Conversions Part 2

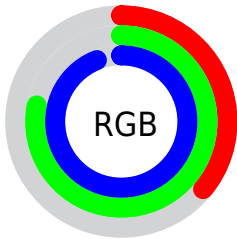
Format	Color
R_{YB}	92, 154, 240
Decimal	6080496
CIE _{Lab}	75.71, -18.84, -29.47
CIE _{LCh}	76, 34.976, 237.405
Yxy	49.4134, 0.2256, 0.2748
Android (android.graphics.Color)	4284270576 (0xFF5CC7F0)
YUV	171.6810, 33.6813, -69.8802
Hunter-Lab	70.2947, -20.0080, -26.5673

Details

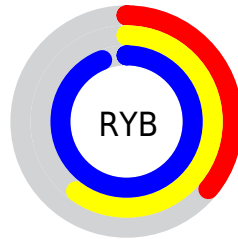
The YUV color **171.6810, 33.6813, -69.8802** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **160.3190, -33.6813, 69.8802**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8010, 14.8881, -62.0925**, and **106.0910, 38.4091, -93.0418** is the 20% darker color. If you saturate the color by 10%, you get **160.3960, 39.2448, -81.0313**, and if you desaturate by 10%, it is **182.9660, 28.1178, -58.7292**.

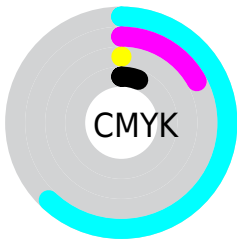
Distribution



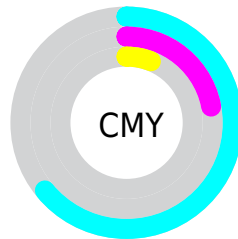
- Red (36%)
- Green (78%)
- Blue (94%)



- Red (36%)
- Yellow (60%)
- Blue (94%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (64%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6810, 33.6813, -69.8802 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 171.6810, 33.6813, -69.8802 by changing the saturation by 10% instead.

■ 171.6810, 33.6813,
-69.8802

■ 171.6810, 33.6813,
-69.8802

■ 255.0000, 0.0000,
0.0000

■ 141.8760, 34.5711,
-75.3133

■ 224.8010, 14.8881,
-62.0925

■ 106.0910, 38.4091,
-93.0418

■ 234.0700, 10.3185,
-43.0344

■ 87.7510, 34.1398,
-76.9576

■ 243.0400, 5.8963,
-24.5911

■ 70.1120, 30.0178,
-61.4882

■ 252.0100, 1.4741,
-6.1478

■ 53.6470, 25.3170,
-47.0484

■ 37.4100, 21.4899,
-32.8086

■ 23.6350, 16.9419,

-20.7279

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 171.6810, 33.6813,
-69.8802

■ 171.6810, 33.6813,
-69.8802

■ 160.3960, 39.2448,
-81.0313

■ 182.9660, 28.1178,
-58.7292

■ 149.6980, 44.5189,
-92.6971

■ 193.6640, 22.8436,
-47.0633

■ 138.4130, 50.0824,
-103.8482

■ 204.9490, 17.2801,
-35.9123

■ 129.4980, 54.4775,
-113.5697

■ 216.2340, 11.7166,
-24.7612

■ 226.9320, 6.4425,
-13.0954

■ 238.2170, 0.8790,
-1.9443

■ 248.0070, -3.9475,
6.1329

■ 251.5290, -5.6838,
3.0441

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

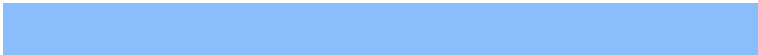
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166.9820, 23.6729, -79.7912



171.6810, 33.6813, -69.8802



181.2920, 33.8730, -37.9671

Triad

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



171.6810, 33.6813, -69.8802



190.7210, 0.1375, 49.3567



181.6920, -26.4702, -3.2379

Complementary

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



171.6810, 33.6813, -69.8802



160.3190, -33.6813, 69.8802

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.



185.0050, -31.0615, 22.7976



171.6810, 33.6813, -69.8802



189.0300, -15.2978, 53.4707

Square

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



171.6810, 33.6813, -69.8802



191.1990, 15.1849, 29.6435



187.5760, -26.9060, 43.3448



177.0610, -12.8481, -32.5025

Rectangle

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



171.6810, 33.6813, -69.8802



187.1210, 30.0133, -13.2611



187.5760, -26.9060, 43.3448



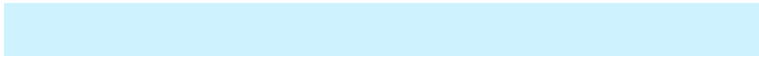
183.0630, -29.1181, 6.0837

Sweetspot

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



171.6810, 33.6813, -69.8802



233.0170, 10.8376, -22.8169



183.3220, -25.7947, -80.0894



113.7470, 7.0267, -13.8101



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.



171.6810, 33.6813, -69.8802



167.9650, 42.9083, -89.4233



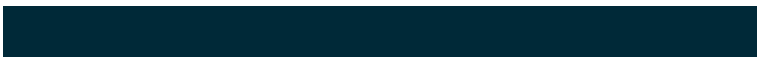
129.4170, 54.5174, -32.8147



114.6510, 2.6371, -5.8329



99.0470, 41.8818, -86.8642



30.4510, 12.5957, -26.7055

Inverse Universe

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



148.4500, 24.9212, 80.2894



138.1290, 31.9814, 102.4959



202.5830, -54.5174, 32.8147



112.6140, 2.1623, 6.4775



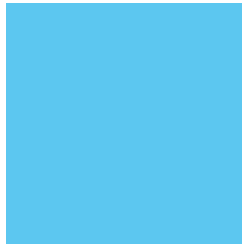
70.1780, 30.9712, 99.8219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 171.6810, 33.6813, -69.8802 looks on a white background.

Color Contrast Check

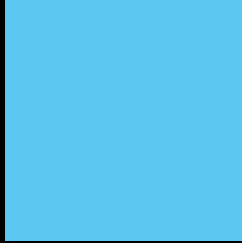
Large Text (above 18pt) WCAG AA × Fail

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 171.6810, 33.6813, -69.8802 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 171.6810, 33.6813, -69.8802 Background



This preview shows how black text looks on a background with the YUV color 171.6810, 33.6813, -69.8802.

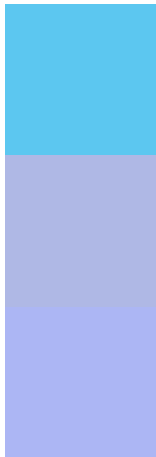


This preview shows how white text looks on a background with the YUV color 171.6810, 33.6813, -69.8802.

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

171.6810, 33.6813, -69.8802

Protanopia

186.4390, 20.9826, -10.0320

Deuteranopia

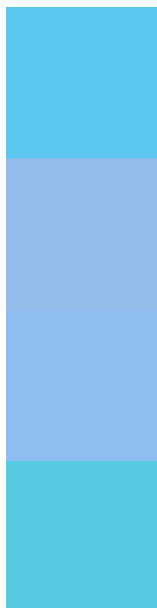
186.0780, 28.5555, -12.3464



Tritanopia

168.6450, 24.8250, -75.9877

Trichromacy



Original Color

171.6810, 33.6813, -69.8802

Protanomaly

180.8600, 25.7050, -31.4492

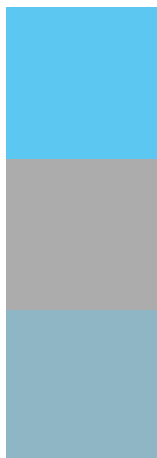
Deuteranomaly

180.8150, 30.6572, -33.1638

Tritanomaly

170.1660, 28.0192, -73.8136

Monochromacy



Original Color

171.6810, 33.6813, -69.8802

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0490, 12.3008, -25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6810, 33.6813, -69.8802 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(92, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(92, 199, 240)  
}
```

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(92, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 199, 240) }
```

Border

The CSS property to change the border of an element to YUV 171.6810, 33.6813, -69.8802 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(92, 199, 240) }
```


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

```
.border{ border-color:rgb(92, 199, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 199, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 199, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 199, 240);  
box-shadow:4px 4px 4px 4px rgb(92, 199,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 171.6810, 33.6813, -69.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 199, 240) }
```

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

```
.background{ background-color: rgb(92, 199,  
240) }
```

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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