

Converting Colors

YUV(170.3220, 34.8443,
-69.5654)

Have a look what the booklet for
YUV(170.3220, 34.8443, -69.5654)
contains.

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Color

**YUV(170.3220, 34.8443,
-69.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	5BC5F1
RGB	91, 197, 241
RGB Percent	36%, 77%, 95%
CMY	0.6431, 0.2275, 0.0549
CMYK	0.62, 0.18, 0.00, 0.05
HSL	198°, 84%, 65%
HSV	198°, 62%, 95%
XYZ	40.1578, 48.5075, 90.4654
YIQ	170.3220, -77.3000, -8.7880

Conversions

Conversions Part 2

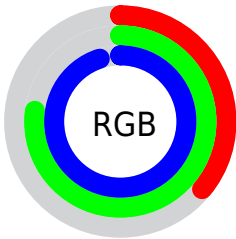
Format	Color
R _Y B	91, 153, 241
Decimal	6014449
CIE Lab	75.14, -17.68, -30.88
CIE LCh	75, 35.577, 240.210
Yxy	48.5075, 0.2242, 0.2708
Android (android.graphics.Color)	4284204529 (0xFF5BC5F1)
YUV	170.3220, 34.8443, -69.5654
Hunter-Lab	69.6473, -18.9619, -28.2591

Details

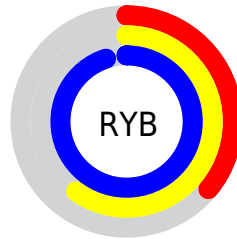
The YUV color **170.3220, 34.8443, -69.5654** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **161.6780, -34.8443, 69.5654**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9150, 15.3249, -62.1925**, and **105.0310, 39.4247, -92.1122** is the 20% darker color. If you saturate the color by 10%, you get **159.0370, 40.4078, -80.7164**, and if you desaturate by 10%, it is **181.6070, 29.2807, -58.4143**.

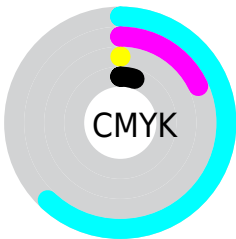
Distribution



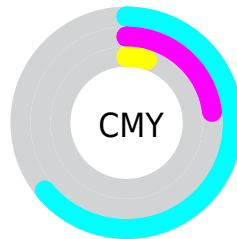
- Red (36%)
- Green (77%)
- Blue (95%)



- Red (36%)
- Yellow (60%)
- Blue (95%)



- Cyan (62%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3220, 34.8443, -69.5654 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 170.3220, 34.8443, -69.5654 by changing the saturation by 10% instead.

■ 170.3220, 34.8443,
-69.5654

■ 170.3220, 34.8443,
-69.5654

■ 255.0000, 0.0000,
0.0000

■ 140.5170, 35.7341,
-74.9984

■ 223.9150, 15.3249,
-62.1925

■ 105.0310, 39.4247,
-92.1122

■ 233.7710, 10.4659,
-43.6492

■ 86.6910, 35.1553,
-76.0280

■ 242.7410, 6.0437,
-25.2059

■ 69.5250, 30.3072,
-60.9734

■ 252.0100, 1.4741,
-6.1478

■ 52.5870, 26.3326,
-46.1188

■ 36.9370, 22.2161,
-32.3937

■ 23.0480, 17.2313,

-20.2131

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 170.3220, 34.8443,
-69.5654

■ 170.3220, 34.8443,
-69.5654

■ 159.0370, 40.4078,
-80.7164

■ 181.6070, 29.2807,
-58.4143

■ 147.7520, 45.9713,
-91.8675

■ 192.8920, 23.7172,
-47.2633

■ 136.4670, 51.5348,
-103.0186

■ 204.1770, 18.1537,
-36.1122

■ 127.2640, 56.0718,
-111.6105

■ 215.4620, 12.5902,
-24.9612

■ 226.7470, 7.0267,
-13.8101

■ 238.3310, 1.3158,
-2.0443

■ 248.1210, -3.5107,
6.0329

■ 252.8170, -5.8258,
1.9145

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

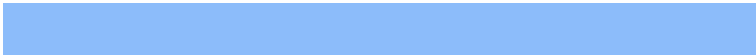
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.2420, 26.0097, -82.6502



170.3220, 34.8443, -69.5654



180.7160, 34.1570, -35.7079

Triad

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



170.3220, 34.8443, -69.5654



188.9770, -1.4677, 50.8862



179.4960, -25.8805, -5.6970

Complementary

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



170.3220, 34.8443, -69.5654



161.6780, -34.8443, 69.5654

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.



182.8800, -31.4928, 21.1532



170.3220, 34.8443, -69.5654



187.6880, -16.6082, 53.7706

Square

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



170.3220, 34.8443, -69.5654



190.1670, 13.7217, 32.3025



185.6360, -27.9215, 42.4152



174.6800, -11.6742, -35.6764

Rectangle

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



170.3220, 34.8443, -69.5654



185.7300, 29.7131, -10.2872



185.6360, -27.9215, 42.4152



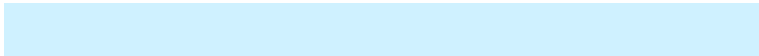
180.8670, -28.5284, 3.6246

Sweetspot

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



170.3220, 34.8443, -69.5654



232.4300, 11.1270, -22.3021



183.8380, -25.0631, -81.4189



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.



170.3220, 34.8443, -69.5654



165.0190, 44.3606, -88.5937



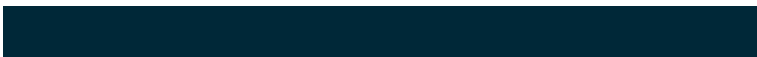
127.4710, 55.9698, -31.9851



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.



147.9340, 24.1895, 81.6189



136.4990, 30.8130, 103.9254



204.5290, -55.9698, 31.9851



112.5000, 1.7255, 6.5775



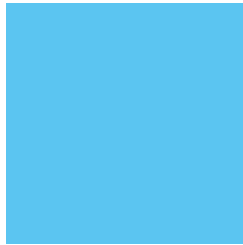
69.8360, 29.6609, 100.1218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 170.3220, 34.8443, -69.5654 looks on a white background.

Color Contrast Check

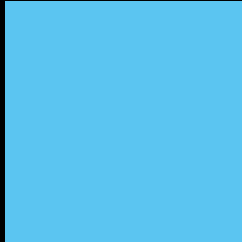
Large Text (above 18pt) WCAG AA × Fail

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 170.3220, 34.8443, -69.5654 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 170.3220, 34.8443, -69.5654 Background



This preview shows how black text looks on a background with the YUV color 170.3220, 34.8443, -69.5654.



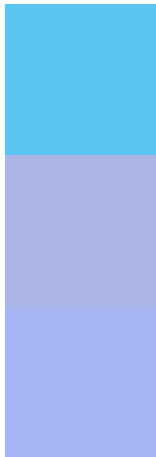
This preview shows how white text looks on a background with the YUV color 170.3220, 34.8443, -69.5654.

-69.5654.

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

170.3220, 34.8443, -69.5654

Protanopia

184.4820, 22.4404, -10.9467

Deuteranopia

184.4090, 29.8714, -14.3907



Tritanopia

166.6450, 24.8250, -75.9877

Trichromacy



Original Color

170.3220, 34.8443, -69.5654

Protanomaly

179.2020, 27.0154, -31.7492

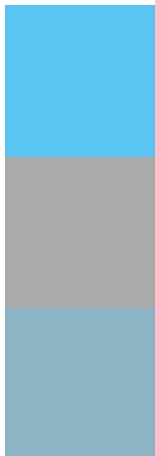
Deuteranomaly

179.4450, 31.8256, -34.5933

Tritanomaly

168.2800, 28.4560, -73.9136

Monochromacy



Original Color

170.3220, 34.8443, -69.5654

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1630, 12.7376, -25.5760

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3220, 34.8443, -69.5654 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(91, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(91, 197, 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(91, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 197, 241) }
```

Border

The CSS property to change the border of an element to YUV 170.3220, 34.8443, -69.5654 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(91, 197, 241) }
```


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

```
.border{ border-color:rgb(91, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(91, 197,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 170.3220, 34.8443, -69.5654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 197, 241) }
```

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

```
.background{ background-color: rgb(91, 197,  
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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