

Converting Colors

YUV(175.3220, 34.8443,
-69.5654)

Have a look what the booklet for
YUV(175.3220, 34.8443, -69.5654)
contains.

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Color

**YUV(175.3220, 34.8443,
-69.5654)**

Conversions

Conversions Part 1

Format	Color
Hex	60CAF6
RGB	96, 202, 246
RGB Percent	38%, 79%, 96%
CMY	0.6235, 0.2078, 0.0353
CMYK	0.61, 0.18, 0.00, 0.04
HSL	198°, 89%, 67%
HSV	198°, 61%, 96%
XYZ	42.5790, 51.3817, 94.8623
YIQ	175.3220, -77.3000, -8.7880

Conversions

Conversions Part 2

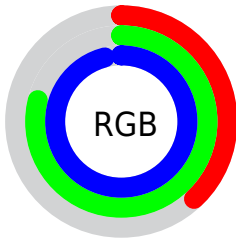
Format	Color
R _Y B	96, 158, 246
Decimal	6343414
CIE Lab	76.91, -17.89, -30.83
CIE LCh	77, 35.645, 239.870
Yxy	51.3817, 0.2255, 0.2721
Android (android.graphics.Color)	4284533494 (0xFF60CAF6)
YUV	175.3220, 34.8443, -69.5654
Hunter-Lab	71.6810, -19.4117, -28.2874

Details

The YUV color **175.3220, 34.8443, -69.5654** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **166.6780, -34.8443, 69.5654**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9970, 14.2985, -59.6334**, and **108.5360, 40.1618, -95.1861** is the 20% darker color. If you saturate the color by 10%, you get **163.7380, 40.5552, -81.3312**, and if you desaturate by 10%, it is **186.9060, 29.1333, -57.7996**.

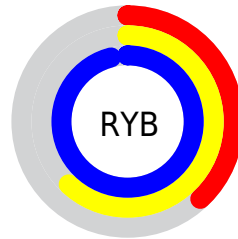
Distribution



Red (38%)

Green (79%)

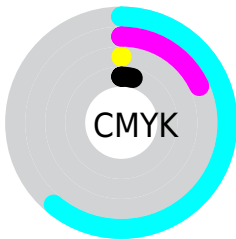
Blue (96%)



Red (38%)

Yellow (62%)

Blue (96%)

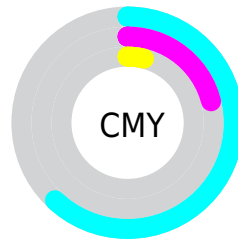


Cyan (61%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3220, 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 175.3220, 34.8443, -69.5654 by changing the saturation by 10% instead.

■ 175.3220, 34.8443,
-69.5654

■ 175.3220, 34.8443,
-69.5654

■ 255.0000, 0.0000,
0.0000

■ 145.7020, 35.1499,
-74.2837

■ 225.9970, 14.2985,
-59.6334

■ 108.5360, 40.1618,
-95.1861

■ 234.9670, 9.8763,
-41.1901

■ 90.0820, 35.4556,
-79.0019

■ 244.2360, 5.3067,
-22.1320

■ 72.4430, 31.3336,
-63.5325

■ 253.5050, 0.7370,
-3.0739

■ 55.3910, 26.9222,
-48.5779

■ 39.7410, 22.8057,
-34.8529

■ 25.2650, 18.1104,

-22.1574

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 175.3220, 34.8443,
-69.5654

■ 175.3220, 34.8443,
-69.5654

■ 163.7380, 40.5552,
-81.3312

■ 186.9060, 29.1333,
-57.7996

■ 152.4530, 46.1187,
-92.4823

■ 198.1910, 23.5698,
-46.6485

■ 140.2820, 52.1190,
-103.7333

■ 210.3620, 17.5695,
-35.3975

■ 130.1820, 57.0983,
-114.1696

■ 221.6470, 12.0060,
-24.2464

■ 233.2310, 6.2951,
-12.4806

■ 244.8150, 0.5842,
-0.7148

■ 252.8000, -3.3524,
1.9294

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

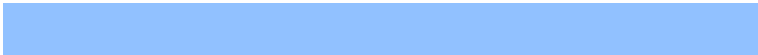
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.5410, 25.8623, -82.0355



175.3220, 34.8443, -69.5654



185.7160, 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.



175.3220, 34.8443, -69.5654



193.9770, -1.4677, 50.8862



184.4960, -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.



175.3220, 34.8443, -69.5654



166.6780, -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.



188.1790, -31.6402, 21.7680



175.3220, 34.8443, -69.5654



192.1010, -16.3188, 54.2854

Square

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



175.3220, 34.8443, -69.5654



195.1670, 13.7217, 32.3025



190.3480, -27.7796, 43.5448



179.6800, -11.6742, -35.6764

Rectangle

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



175.3220, 34.8443, -69.5654



190.5450, 30.2973, -11.0020



190.3480, -27.7796, 43.5448



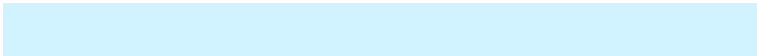
185.7530, -28.9652, 3.7246

Sweetspot

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



175.3220, 34.8443, -69.5654



233.6150, 10.5428, -21.5874



188.9520, -24.6263, -81.5189



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.



175.3220, 34.8443, -69.5654



167.1010, 43.3342, -86.0346



132.4710, 55.9698, -31.9851



116.6510, 2.6371, -5.8329



98.6880, 43.0448, -86.5494



30.7930, 13.9061, -27.0055

Inverse Universe

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



152.9340, 24.1895, 81.6189



139.5480, 29.8028, 101.2514



210.1160, -56.2592, 31.4703



114.6140, 2.1623, 6.4775



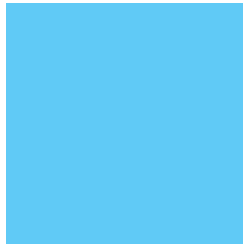
70.6620, 30.2396, 101.1514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 175.3220, 34.8443, -69.5654 looks on a white background.

Color Contrast Check

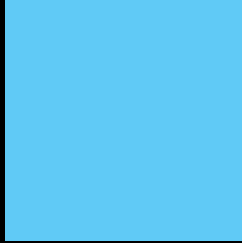
Large Text (above 18pt) WCAG AA × Fail

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 175.3220, 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

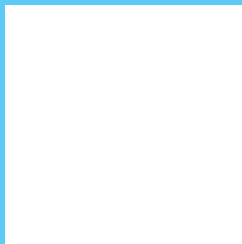
Any Text WCAG AAA ✓ Pass

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

YUV 175.3220, 34.8443, -69.5654 Background



This preview shows how black text looks on a background with the YUV color 175.3220, 34.8443, -69.5654.



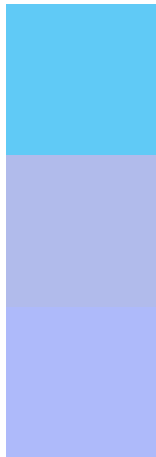
This preview shows how white text looks on a background with the YUV color 175.3220, 34.8443, -69.5654.

-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

175.3220, 34.8443, -69.5654

Protanopia

189.4820, 22.4404, -10.9467

Deuteranopia

189.7080, 29.7240, -13.7759



Tritanopia

171.7590, 25.2618, -76.0876

Trichromacy



Original Color

175.3220, 34.8443, -69.5654



Protanomaly

184.2020, 27.0154, -31.7492



Deuteranomaly

184.7440, 31.6782, -33.9785



Tritanomaly

173.2800, 28.4560, -73.9136

Monochromacy



Original Color

175.3220, 34.8443, -69.5654



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1630, 12.7376, -25.5760

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3220, 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(96, 202, 246)` looks like.

```
.text, #text, p{  
    color:rgb(96, 202, 246)  
}
```

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(96, 202, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 202, 246) }
```

Border

The CSS property to change the border of an element to YUV 175.3220, 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(96, 202, 246) }
```


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

```
.border{ border-color:rgb(96, 202, 246) }
```

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

Here you see how a box with a 4 pixel rgb(96, 202, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 202, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 202, 246);  
box-shadow:4px 4px 4px 4px rgb(96, 202,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 175.3220, 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(96, 202, 246) }
```

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

```
.background{ background-color: rgb(96, 202,  
246) }
```

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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