

Converting Colors

YUV(174.3060, 32.3871,
-74.8134)

Have a look what the booklet for
YUV(174.3060, 32.3871, -74.8134)
contains.

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Color

**YUV(174.3060, 32.3871,
-74.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	59CDF0
RGB	89, 205, 240
RGB Percent	35%, 80%, 94%
CMY	0.6510, 0.1961, 0.0588
CMYK	0.63, 0.15, 0.00, 0.06
HSL	194°, 83%, 65%
HSV	194°, 63%, 94%
XYZ	41.6793, 52.0778, 90.2934
YIQ	174.3060, -80.3710, -13.7070

Conversions

Conversions Part 2

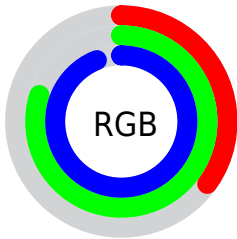
Format	Color
R_{YB}	89, 155, 240
Decimal	5885424
CIE _{Lab}	77.33, -22.41, -26.99
CIE _{LCh}	77, 35.080, 230.303
Yxy	52.0778, 0.2265, 0.2830
Android (android.graphics.Color)	4284075504 (0xFF59CDF0)
YUV	174.3060, 32.3871, -74.8134
Hunter-Lab	72.1649, -23.1948, -23.6687

Details

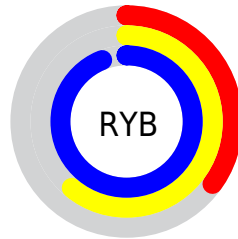
The YUV color **174.3060, 32.3871, -74.8134** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **154.6940, -32.3871, 74.8134**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **109.6130, 36.6728, -96.1306** is the 20% darker color. If you saturate the color by 10%, you get **163.6080, 37.6613, -86.4792**, and if you desaturate by 10%, it is **185.0040, 27.1130, -63.1475**.

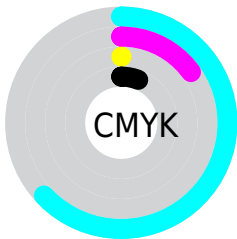
Distribution



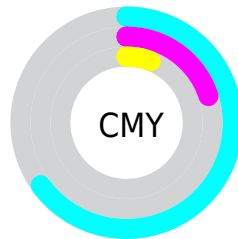
- Red (35%)
- Green (80%)
- Blue (94%)



- Red (35%)
- Yellow (61%)
- Blue (94%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (65%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3060, 32.3871, -74.8134 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 174.3060, 32.3871, -74.8134 by changing the saturation by 10% instead.

174.3060, 32.3871,
-74.8134

174.3060, 32.3871,
-74.8134

255.0000, 0.0000,
0.0000

143.6150, 33.7138,
-80.3464

224.2030, 15.1829,
-63.3220

109.6130, 36.6728,
-96.1306

233.4720, 10.6133,
-44.2639

91.2730, 32.4034,
-80.0464

242.4420, 6.1911,
-25.8206

73.0470, 28.5708,
-64.0622

251.7110, 1.6215,
-6.7625

55.9950, 24.1595,
-49.1076

39.7580, 20.3323,
-34.8678

25.3960, 16.0738,

-22.2723

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 174.3060, 32.3871,
-74.8134

■ 174.3060, 32.3871,
-74.8134

■ 163.6080, 37.6613,
-86.4792

■ 185.0040, 27.1130,
-63.1475

■ 153.4970, 42.6460,
-98.6599

■ 195.1150, 22.1283,
-50.9669

■ 142.7990, 47.9201,
-110.3257

■ 205.8130, 16.8542,
-39.3010

■ 135.3680, 51.5836,
-118.7177

■ 215.9240, 11.8695,
-27.1203

■ 226.6220, 6.5954,
-15.4545

■ 236.7330, 1.6106,
-3.2738

■ 246.8330, -3.3687,
7.1625

■ 250.3550, -5.1050,
4.0737

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

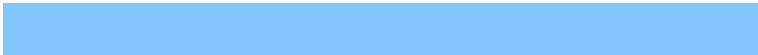
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.9670, 19.7363, -77.1471



174.3060, 32.3871, -74.8134



183.7640, 34.6263, -46.2740

Triad

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



174.3060, 32.3871, -74.8134



195.3230, 3.7848, 46.1977



186.8670, -28.5284, 3.6246

Complementary

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



174.3060, 32.3871, -74.8134



154.6940, -32.3871, 74.8134

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.



189.7500, -30.9357, 29.1603



174.3060, 32.3871, -74.8134



193.6540, -11.6614, 53.8004

Square

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



174.3060, 32.3871, -74.8134



195.6650, 18.4062, 23.0958



192.4670, -24.8802, 46.9484



182.7800, -16.6535, -25.2401

Rectangle

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



174.3060, 32.3871, -74.8134



189.6360, 32.2245, -22.4828



192.4670, -24.8802, 46.9484



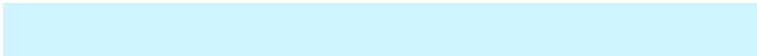
188.1670, -30.1553, 12.1315

Sweetspot

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



174.3060, 32.3871, -74.8134



234.1910, 10.2588, -23.8465



181.3990, -29.2837, -81.0339



114.9210, 6.4479, -14.8397



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.



174.3060, 32.3871, -74.8134



170.5790, 41.6196, -96.1008



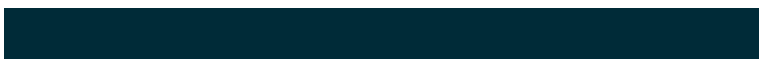
131.4550, 53.5127, -37.2330



114.6510, 2.6371, -5.8329



103.7430, 39.5667, -90.9826



31.6250, 12.0169, -27.7351

Inverse Universe

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



147.3730, 28.4101, 81.2339



135.9920, 36.4859, 104.3700



197.5450, -53.5127, 37.2330



112.6140, 2.1623, 6.4775



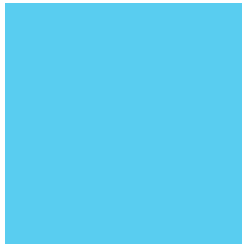
71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 174.3060, 32.3871, -74.8134 looks on a white background.

Color Contrast Check

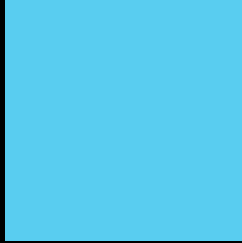
Large Text (above 18pt) WCAG AA × Fail

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 174.3060, 32.3871, -74.8134 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 174.3060, 32.3871, -74.8134 Background



This preview shows how black text looks on a background with the YUV color 174.3060, 32.3871, -74.8134.



This preview shows how white text looks on a background with the YUV color 174.3060, 32.3871, -74.8134.

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

174.3060, 32.3871, -74.8134

Protanopia

190.4670, 18.5038, -8.3026

Deuteranopia

190.5190, 26.3661, -10.1022



Tritanopia

171.8510, 25.7095, -79.6763

Trichromacy



Original Color

174.3060, 32.3871, -74.8134

Protanomaly

184.5780, 23.3790, -32.0789

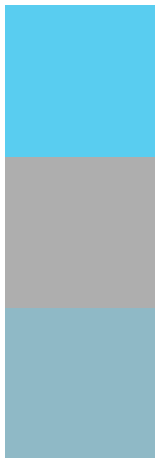
Deuteranomaly

184.6470, 28.7680, -33.8934

Tritanomaly

172.8450, 28.1774, -77.9171

Monochromacy



Original Color

174.3060, 32.3871, -74.8134

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9240, 11.8695, -27.1203

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3060, 32.3871, -74.8134 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(89, 205, 240)` looks like.

```
.text, #text, p{  
    color:rgb(89, 205, 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(89, 205, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 205, 240) }
```

Border

The CSS property to change the border of an element to YUV 174.3060, 32.3871, -74.8134 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(89, 205, 240) }
```


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

```
.border{ border-color:rgb(89, 205, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 205, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 205, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 205, 240);  
box-shadow:4px 4px 4px 4px rgb(89, 205,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 174.3060, 32.3871, -74.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 205, 240) }
```

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

```
.background{ background-color: rgb(89, 205,  
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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