

Converting Colors

YUV(154.9420, 34.5386,
-64.8471)

Have a look what the booklet for
YUV(154.9420, 34.5386, -64.8471)
contains.

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Color

**YUV(154.9420, 34.5386,
-64.8471)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 51B3E1 |
| RGB | 81, 179, 225 |
| RGB Percent | 32%, 70%, 88% |
| CMY | 0.6824, 0.2980, 0.1176 |
| CMYK | 0.64, 0.20, 0.00, 0.12 |
| HSL | 199°, 71%, 60% |
| HSV | 199°, 64%, 88% |
| XYZ | 33.1040, 39.4258, 77.0993 |
| YIQ | 154.9420, -73.1740, -6.4700 |

Conversions

Conversions Part 2

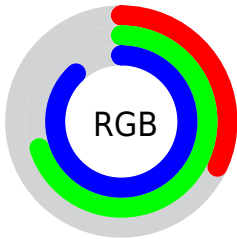
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 81, 139, 225 |
| Decimal | 5354465 |
| CIE Lab | 69.06, -14.84, -31.61 |
| CIE LCh | 69, 34.921, 244.849 |
| Yxy | 39.4258, 0.2212, 0.2635 |
| Android (android.graphics.Color) | 4283544545 (0xFF51B3E1) |
| YUV | 154.9420, 34.5386, -64.8471 |
| Hunter-Lab | 62.7899, -15.7738, -28.8488 |

Details

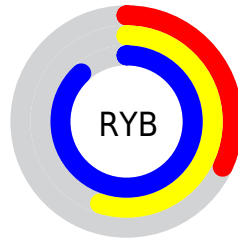
The YUV color **154.9420, 34.5386, -64.8471** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **151.0580, -34.5386, 64.8471**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7720, 22.2974, -58.5590**, and **93.3420, 37.7924, -81.8609** is the 20% darker color. If you saturate the color by 10%, you get **144.2550, 39.8073, -74.7686**, and if you desaturate by 10%, it is **165.6290, 29.2699, -54.9256**.

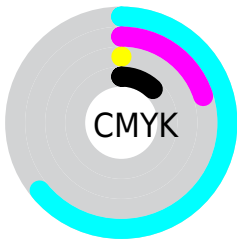
Distribution



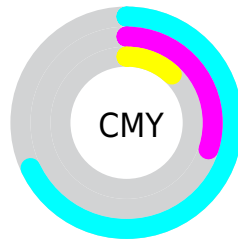
- Red (32%)
- Green (70%)
- Blue (88%)



- Red (32%)
- Yellow (55%)
- Blue (88%)



- Cyan (64%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (30%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9420, 34.5386, -64.8471 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 154.9420, 34.5386, -64.8471 by changing the saturation by 10% instead.

■ 154.9420, 34.5386,
-64.8471

■ 154.9420, 34.5386,
-64.8471

■ 255.0000, 0.0000,
0.0000

■ 124.8380, 35.5759,
-70.8949

■ 209.7720, 22.2974,
-58.5590

■ 93.3420, 37.7924,
-81.8609

■ 230.4820, 12.0874,
-50.4117

■ 75.5890, 33.2336,
-66.2916

■ 239.4520, 7.6652,
-31.9684

■ 58.5370, 28.8223,
-51.3369

■ 248.4220, 3.2430,
-13.5251

■ 42.7730, 24.2689,
-37.5119

■ 27.1230, 20.1524,
-23.7869

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 154.9420, 34.5386,
-64.8471

■ 154.9420, 34.5386,
-64.8471

■ 144.2550, 39.8073,
-74.7686

■ 165.6290, 29.2699,
-54.9256

■ 133.2690, 45.2234,
-85.3049

■ 176.6150, 23.8538,
-44.3894

■ 121.9950, 50.7815,
-94.7116

■ 187.8890, 18.2957,
-34.9827

■ 115.4610, 54.0027,
-101.2593

■ 198.8750, 12.8796,
-24.4464

■ 209.8610, 7.4635,
-13.9101

■ 220.5480, 2.1948,
-3.9886

■ 231.5340, -3.2213,
6.5477

■ 240.4270, -7.6055,
12.7805

■ 245.1230, -9.9206,
8.6621

Harmonies

Analogous

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



146.2140, 28.4885, -84.3797



154.9420, 34.5386, -64.8471



165.5920, 32.2461, -29.4602

Triad

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



154.9420, 34.5386, -64.8471



171.8090, -3.3568, 50.1565



162.2720, -22.8121, -9.8855

Complementary

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



154.9420, 34.5386, -64.8471



151.0580, -34.5386, 64.8471

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.



165.9010, -30.0242, 16.7498



154.9420, 34.5386, -64.8471



170.3240, -17.9077, 50.5819

Square

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



154.9420, 34.5386, -64.8471



172.9070, 11.3848, 35.1616



168.3150, -27.7633, 38.3117



157.2820, -8.0270, -38.8353

Rectangle

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



154.9420, 34.5386, -64.8471



170.1930, 27.5129, -4.5543



168.3150, -27.7633, 38.3117



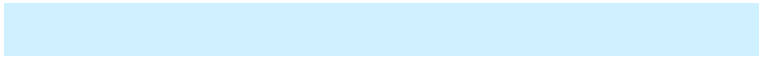
164.0020, -26.6230, -0.8788

Sweetspot

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



154.9420, 34.5386, -64.8471



231.8430, 11.4164, -21.7873



170.7720, -21.5796, -78.7300



113.1600, 7.3161, -13.2953



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.



154.9420, 34.5386, -64.8471



159.4150, 47.1234, -88.0640



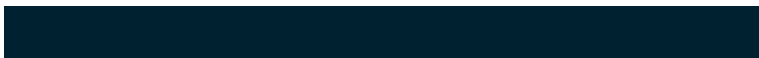
112.6780, 55.3747, -27.7816



106.9500, 2.4897, -5.2181



90.5040, 42.1495, -79.3720



24.8430, 11.4164, -21.7873

Inverse Universe

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



135.2280, 21.5796, 78.7300



132.7660, 29.2024, 107.1992



193.3220, -55.3747, 27.7816



105.2010, 1.8729, 5.9627



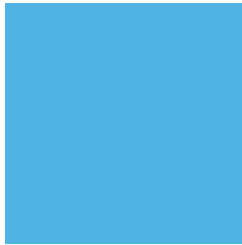
66.3040, 26.4721, 96.2034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 154.9420, 34.5386, -64.8471 looks on a white background.

Color Contrast Check

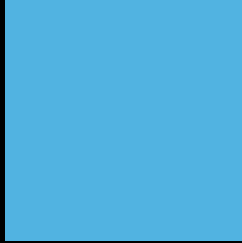
Large Text (above 18pt) WCAG AA × Fail

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 154.9420, 34.5386, -64.8471 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

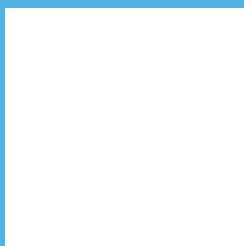
Any Text WCAG AAA ✓ Pass

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

YUV 154.9420, 34.5386, -64.8471 Background



This preview shows how black text looks on a background with the YUV color 154.9420, 34.5386, -64.8471.



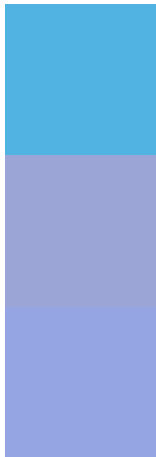
This preview shows how white text looks on a background with the YUV color 154.9420, 34.5386, -64.8471.

-64.8471.

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

154.9420, 34.5386, -64.8471

Protanopia

168.2970, 23.0246, -11.6615

Deuteranopia

167.3980, 29.8768, -16.1350



Tritanopia

150.7270, 23.7986, -73.4286

Trichromacy



Original Color

154.9420, 34.5386, -64.8471

Protanomaly

163.6150, 27.3048, -31.2344

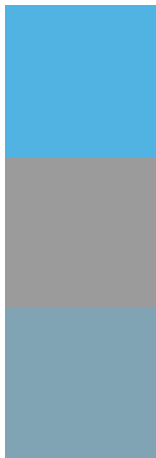
Deuteranomaly

162.7440, 31.6782, -33.9785

Tritanomaly

152.0740, 27.5715, -70.2249

Monochromacy



Original Color

154.9420, 34.5386, -64.8471

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0600, 12.2954, -23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9420, 34.5386, -64.8471 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(81, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(81, 179, 225)  
}
```

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(81, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 179, 225) }
```

Border

The CSS property to change the border of an element to YUV 154.9420, 34.5386, -64.8471 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(81, 179, 225) }
```


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

```
.border{ border-color:rgb(81, 179, 225) }
```

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

Here you see how a box with a 4 pixel rgb(81, 179, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 179, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 179, 225);  
box-shadow:4px 4px 4px 4px rgb(81, 179,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 154.9420, 34.5386, -64.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 179, 225) }
```

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

```
.background{ background-color: rgb(81, 179,  
225) }
```

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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