

Converting Colors

YUV(154.1700, 35.4122,
-65.0471)

Have a look what the booklet for
YUV(154.1700, 35.4122, -65.0471)
contains.

YUV(154.1700, 35.4122, -65.0471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.1700, 35.4122,
-65.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	50B2E2
RGB	80, 178, 226
RGB Percent	31%, 70%, 89%
CMY	0.6863, 0.3020, 0.1137
CMYK	0.65, 0.21, 0.00, 0.11
HSL	200°, 72%, 60%
HSV	200°, 65%, 89%
XYZ	32.9561, 39.0372, 77.7495
YIQ	154.1700, -73.8160, -5.8480

Conversions

Conversions Part 2

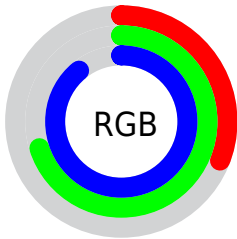
Format	Color
R _Y B	80, 139, 226
Decimal	5288674
CIE Lab	68.78, -14.16, -32.59
CIE LCh	69, 35.535, 246.521
Yxy	39.0372, 0.2201, 0.2607
Android (android.graphics.Color)	4283478754 (0xFF50B2E2)
YUV	154.1700, 35.4122, -65.0471
Hunter-Lab	62.4798, -15.1865, -30.0443

Details

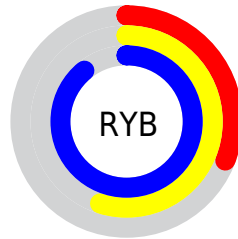
The YUV color **154.1700, 35.4122, -65.0471** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **151.8300, -35.4122, 65.0471**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8860, 22.7342, -58.6590**, and **92.7550, 38.0818, -81.3461** is the 20% darker color. If you saturate the color by 10%, you get **143.1840, 40.8283, -75.5834**, and if you desaturate by 10%, it is **165.1560, 29.9961, -54.5108**.

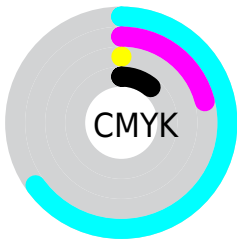
Distribution



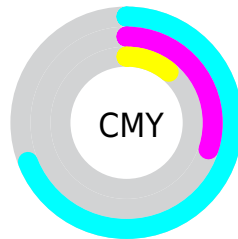
- Red (31%)
- Green (70%)
- Blue (89%)



- Red (31%)
- Yellow (55%)
- Blue (89%)



- Cyan (65%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1700, 35.4122, -65.0471 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 154.1700, 35.4122, -65.0471 by changing the saturation by 10% instead.

■ 154.1700, 35.4122,
-65.0471

■ 154.1700, 35.4122,
-65.0471

255.0000, 0.0000,
0.0000

■ 123.7670, 36.5969,
-71.7097

■ 208.8860, 22.7342,
-58.6590

■ 92.7550, 38.0818,
-81.3461

■ 230.1830, 12.2348,
-51.0265

■ 75.1160, 33.9598,
-65.8767

■ 239.1530, 7.8126,
-32.5832

■ 58.0640, 29.5484,
-50.9221

■ 248.4220, 3.2430,
-13.5251

■ 42.3000, 24.9951,
-37.0971

■ 27.2370, 20.5892,
-23.8868

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 154.1700, 35.4122,
-65.0471

■ 154.1700, 35.4122,
-65.0471

■ 143.1840, 40.8283,
-75.5834

■ 165.1560, 29.9961,
-54.5108

■ 131.9100, 46.3864,
-84.9901

■ 176.4300, 24.4380,
-45.1041

■ 120.9240, 51.8025,
-95.5263

■ 187.4160, 19.0219,
-34.5678

■ 114.9880, 54.7289,
-100.8445

■ 198.6900, 13.4638,
-25.1611

■ 209.6760, 8.0477,
-14.6249

■ 221.2490, 2.3422,
-4.6034

■ 231.9360, -2.9264,
5.3181

■ 241.1280, -7.4581,
12.1657

■ 245.8240, -9.7732,
8.0474

Harmonies

Analogous

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



144.2350, 29.9571, -88.7831



154.1700, 35.4122, -65.0471



165.6030, 32.2407, -27.7158

Triad

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



154.1700, 35.4122, -65.0471



171.1790, -4.5252, 51.5860



161.2610, -22.8067, -11.6299

Complementary

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



154.1700, 35.4122, -65.0471



151.8300, -35.4122, 65.0471

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.



164.7760, -30.4556, 15.1054



154.1700, 35.4122, -65.0471



169.3950, -18.9287, 51.3966

Square

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



154.1700, 35.4122, -65.0471



172.3910, 10.6532, 36.4911



167.6740, -28.9263, 37.9969



156.0860, -7.4374, -41.2944

Rectangle

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



154.1700, 35.4122, -65.0471



169.7910, 27.2180, -3.3247



167.6740, -28.9263, 37.9969



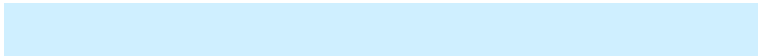
162.9910, -26.6176, -2.6231

Sweetspot

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



154.1700, 35.4122, -65.0471



231.2560, 11.7058, -21.2725



170.9460, -22.1584, -79.7596



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.



154.1700, 35.4122, -65.0471



157.3440, 48.1444, -88.8787



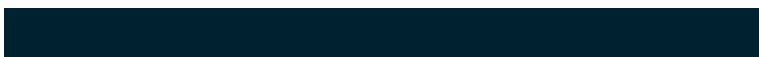
112.4930, 55.9590, -28.4964



106.9500, 2.4897, -5.2181



89.3300, 42.7283, -78.3424



24.8430, 11.4164, -21.7873

Inverse Universe

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



134.8260, 21.2848, 79.9596



130.7770, 29.1969, 108.9436



193.5070, -55.9590, 28.4964



105.2010, 1.8729, 5.9627



66.0760, 25.5985, 96.4033



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 154.1700, 35.4122, -65.0471 looks on a white background.

Color Contrast Check

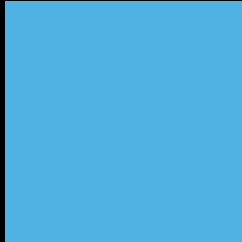
Large Text (above 18pt) WCAG AA × Fail

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 154.1700, 35.4122, -65.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

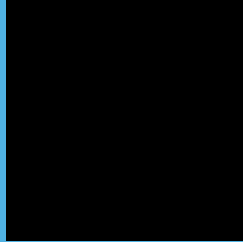
Any Text WCAG AA ✓ Pass

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 154.1700, 35.4122, -65.0471 Background



This preview shows how black text looks on a background with the YUV color 154.1700, 35.4122, -65.0471.



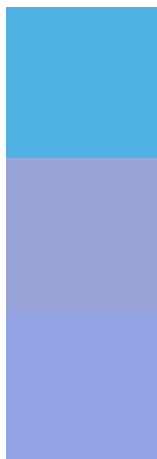
This preview shows how white text looks on a background with the YUV color 154.1700, 35.4122, -65.0471.

-65.0471.

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

154.1700, 35.4122, -65.0471

Protanopia

167.2260, 24.0456, -12.4762

Deuteranopia

166.9140, 30.6084, -17.4646



Tritanopia

149.4280, 23.9460, -74.0434

Trichromacy



Original Color

154.1700, 35.4122, -65.0471

Protanomaly

162.5440, 28.3258, -32.0491

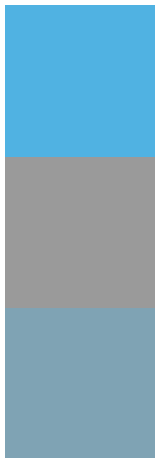
Deuteranomaly

162.5590, 32.2624, -34.6932

Tritanomaly

150.8890, 28.1557, -70.9397

Monochromacy



Original Color

154.1700, 35.4122, -65.0471

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1740, 12.7322, -23.8316

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1700, 35.4122, -65.0471 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(80, 178, 226)` looks like.

```
.text, #text, p{  
    color:rgb(80, 178, 226)  
}
```

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(80, 178, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 178, 226) }
```

Border

The CSS property to change the border of an element to YUV 154.1700, 35.4122, -65.0471 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(80, 178, 226) }
```


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

```
.border{ border-color:rgb(80, 178, 226) }
```

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

Here you see how a box with a 4 pixel rgb(80, 178, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 178, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 178, 226);  
box-shadow:4px 4px 4px 4px rgb(80, 178,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 154.1700, 35.4122, -65.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 178, 226) }
```

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

```
.background{ background-color: rgb(80, 178,  
226) }
```

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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