

# Converting Colors

YUV(154.7120, -3.8020,  
-87.4474)

Have a look what the booklet for  
YUV(154.7120, -3.8020, -87.4474)  
contains.

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# Color

**YUV(154.7120, -3.8020,  
-87.4474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37CF93
RGB	55, 207, 147
RGB Percent	22%, 81%, 58%
CMY	0.7843, 0.1882, 0.4235
CMYK	0.73, 0.00, 0.29, 0.19
HSL	156°, 61%, 51%
HSV	156°, 73%, 81%
XYZ	29.1548, 47.5445, 35.2441
YIQ	154.7120, -71.3320, -50.8840

# Conversions

## Conversions Part 2

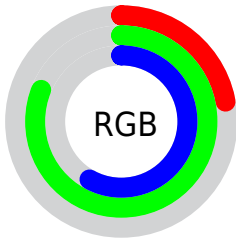
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 150, 207
Decimal	3657619
CIELab	74.54, -53.04, 18.78
CIELCh	75, 56.265, 160.506
Yxy	47.5445, 0.2604, 0.4247
Android (android.graphics.Color)	4281847699 (0xFF37CF93)
YUV	154.7120, -3.8020, -87.4474
Hunter-Lab	68.9525, -45.1926, 17.9615

# Details

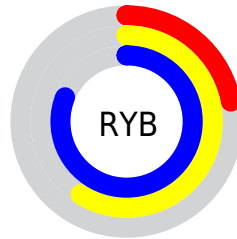
The YUV color **154.7120, -3.8020, -87.4474** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **107.2880, 3.8020, 87.4474**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0770, -3.9820, -76.3665**, and **99.5810, -1.7654, -87.3325** is the 20% darker color. If you saturate the color by 10%, you get **147.5210, -4.2009, -99.5579**, and if you desaturate by 10%, it is **161.9030, -3.4032, -75.3369**.

# Distribution



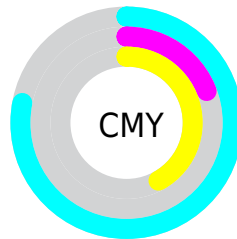
- Red (22%)
- Green (81%)
- Blue (58%)



- Red (22%)
- Yellow (59%)
- Blue (81%)



- Cyan (73%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (78%)
- Magenta (19%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.7120, -3.8020, -87.4474 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 154.7120, -3.8020, -87.4474 by changing the saturation by 10% instead.



■ 154.7120, -3.8020,  
-87.4474

■ 154.7120, -3.8020,  
-87.4474

255.0000, 0.0000,  
0.0000

■ 118.8670, 1.0516,  
-104.2464

■ 209.0770, -3.9820,  
-76.3665

■ 99.5810, -1.7654,  
-87.3325

■ 221.5380, 3.6788,  
-60.1078

■ 81.5830, -4.7244,  
-71.5483

■ 233.4720, 10.6133,  
-44.2639

■ 63.6990, -7.2466,  
-55.8640

■ 242.7410, 6.0437,  
-25.2059

■ 45.9290, -9.3320,  
-40.2797

■ 251.7110, 1.6215,  
-6.7625

■ 29.6920, -13.1592,  
-26.0399

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,  
0.0000

■ 154.7120, -3.8020,  
-87.4474

■ 154.7120, -3.8020,  
-87.4474

■ 147.5210, -4.2009,  
-99.5579

■ 161.9030, -3.4032,  
-75.3369

■ 140.6290, -4.7471,  
-111.0536

■ 168.7950, -2.8569,  
-63.8412

■ 135.7590, -5.3042,  
-119.0606

■ 176.1000, -2.0213,  
-51.8307

■ 183.2910, -1.6225,  
-39.7202

■ 190.4820, -1.2236,  
-27.6097

■ 197.3740, -0.6774,  
-16.1140

■ 204.5650, -0.2785,  
-4.0035

■ 211.7560, 0.1203,  
8.1070

■ 218.7620, 1.1033,  
19.5027

# Harmonies

## Analogous

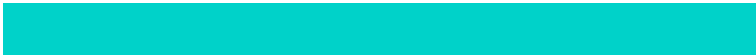
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.1870, -34.1092, -26.4740



154.7120, -3.8020, -87.4474



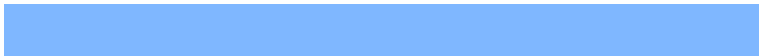
146.1840, 27.0243, -128.2034

# Triad

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



154.7120, -3.8020, -87.4474



174.4640, 39.7042, -41.6259



177.8610, -29.0185, 67.6509

# Complementary

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



154.7120, -3.8020, -87.4474



107.2880, 3.8020, 87.4474

# 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.



176.8760, -4.8689, 68.5147



154.7120, -3.8020, -87.4474



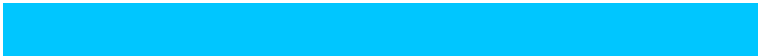
187.2530, 33.3993, 20.8261

# Square

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



154.7120, -3.8020, -87.4474



145.2960, 54.0841, -127.4246



185.7390, 16.3977, 60.7419



180.2510, -47.4517, 53.2769



# Rectangle

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



154.7120, -3.8020, -87.4474



148.7720, 42.0174, -130.4730



185.7390, 16.3977, 60.7419



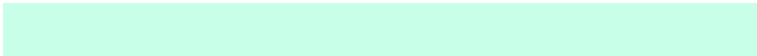
176.6360, -21.0195, 68.7252

# Sweetspot

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



154.7120, -3.8020, -87.4474



235.7480, -1.3548, -32.2280



162.4630, -52.9793, -40.7481



116.2380, -1.1033, -19.5027



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.



154.7120, -3.8020, -87.4474



177.8780, -5.8559, -128.8120



152.7470, 26.7467, -85.7241



101.1410, -0.5625, -6.2627



110.2440, -4.0643, -96.6840



26.9170, -0.9451, -23.6062



# Inverse Universe

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



107.2880, 3.8020, 87.4474



108.0080, 5.4191, 128.9120



109.2530, -26.7467, 85.7241



97.7450, 0.1257, 6.3626



57.7560, 4.0643, 96.6840

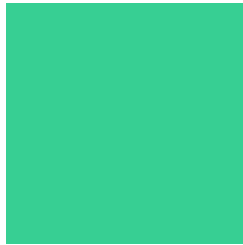


14.0830, 0.9451, 23.6062



# Previews

## White Background



This preview shows how the YUV color 154.7120, -3.8020, -87.4474 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 154.7120, -3.8020, -87.4474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

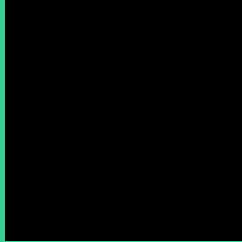
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 154.7120, -3.8020, -87.4474

## Background



This preview shows how black text looks on a background with the YUV color 154.7120, -3.8020, -87.4474.



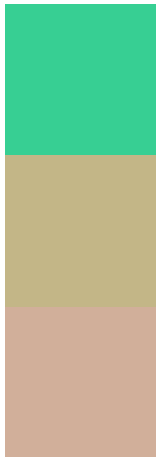
This preview shows how white text looks on a background with the YUV color 154.7120, -3.8020,

-87.4474.

# 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

154.7120, -3.8020, -87.4474

### Protanopia

180.5290, -22.4458, 12.6911

### Deuteranopia

182.7720, -14.1846, 23.0020



## Tritanopia

166.3360, 23.4984, -70.4547

# Trichromacy



## Original Color

154.7120, -3.8020, -87.4474



## Protanomaly

171.0190, -15.7854, -23.6957



## Deuteranomaly

172.7300, -10.7129, -17.3032



## Tritanomaly

162.0720, 13.7685, -76.3621

# Monochromacy



## Original Color

154.7120, -3.8020, -87.4474



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.0470, -1.5022, -31.6132

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.7120, -3.8020, -87.4474 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(55, 207, 147)` looks like.

```
.text, #text, p{  
    color:rgb(55, 207, 147)  
}
```

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(55, 207, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 207, 147) }
```

## Border

The CSS property to change the border of an element to YUV 154.7120, -3.8020, -87.4474 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(55, 207, 147) }
```



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

```
.border{ border-color:rgb(55, 207, 147) }
```

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

Here you see how a box with a 4 pixel rgb(55, 207, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 207, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 207, 147);  
box-shadow:4px 4px 4px 4px rgb(55, 207,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 154.7120, -3.8020, -87.4474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 207, 147) }
```

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

```
.background{ background-color: rgb(55, 207,  
147) }
```

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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