

Converting Colors

YUV(159.9120, -13.7606,
-66.5748)

Have a look what the booklet for
YUV(159.9120, -13.7606, -66.5748)
contains.

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Color

**YUV(159.9120, -13.7606,
-66.5748)**

Conversions

Conversions Part 1

Format	Color
Hex	54CC84
RGB	84, 204, 132
RGB Percent	33%, 80%, 52%
CMY	0.6706, 0.2000, 0.4824
CMYK	0.59, 0.00, 0.35, 0.20
HSL	144°, 54%, 56%
HSV	144°, 59%, 80%
XYZ	29.4139, 46.7365, 29.3006
YIQ	159.9120, -48.4080, -47.8320

Conversions

Conversions Part 2

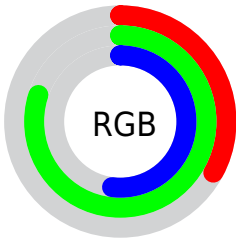
Format	Color
RYB	84, 170, 204
Decimal	5557380
CIELab	74.02, -49.82, 26.09
CIELCh	74, 56.236, 152.363
Yxy	46.7365, 0.2789, 0.4432
Android (android.graphics.Color)	4283747460 (0xFF54CC84)
YUV	159.9120, -13.7606, -66.5748
Hunter-Lab	68.3641, -42.8369, 22.4434

Details

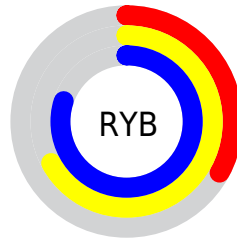
The YUV color **159.9120, -13.7606, -66.5748** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **128.0880, 13.7606, 66.5748**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6460, -13.6295, -61.9565**, and **96.8110, -7.3018, -84.9032** is the 20% darker color. If you saturate the color by 10%, you get **152.5640, -16.0541, -77.6706**, and if you desaturate by 10%, it is **167.2600, -11.4672, -55.4790**.

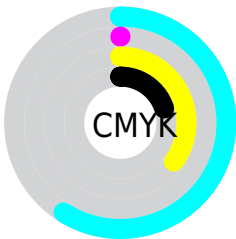
Distribution



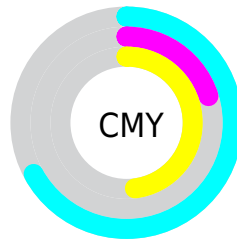
- Red (33%)
- Green (80%)
- Blue (52%)



- Red (33%)
- Yellow (67%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9120, -13.7606, -66.5748 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 159.9120, -13.7606, -66.5748 by changing the saturation by 10% instead.

■ 159.9120,
-13.7606, -66.5748

■ 159.9120,
-13.7606, -66.5748

■ 255.0000, 0.0000,
0.0000

■ 130.6450,
-12.1500, -69.8487

■ 213.6460,
-13.6295, -61.9565

■ 96.8110, -7.3018,
-84.9032

■ 225.3950, -6.1107,
-46.8274

■ 78.2260, -9.9714,
-68.6042

■ 237.6710, 2.1342,
-31.2835

■ 60.3420, -12.4936,
-52.9199

■ 247.8240, 3.5378,
-14.7546

■ 43.0450, -15.3052,
-37.7505

■ 28.1760, -13.8908,
-24.7104

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 159.9120,
-13.7606, -66.5748

■ 159.9120,
-13.7606, -66.5748

■ 152.5640,
-16.0541, -77.6706

■ 167.2600,
-11.4672, -55.4790

■ 144.9170,
-18.2001, -89.3812

■ 174.9070, -9.3212,
-43.7684

■ 137.4550,
-20.9303, -100.3770

■ 182.3690, -6.5909,
-32.7726

■ 129.8080,
-23.0763, -112.0876

■ 190.0160, -4.4449,
-21.0620

■ 129.0960,
-23.2183, -113.2172

■ 197.3640, -2.1515,
-9.9662

■ 204.7120, 0.1420,
1.1296

■ 212.4730, 2.7248,
12.7402

■ 219.8210, 5.0182,
23.8360

■ 223.5810, 9.0806,
27.5545

Harmonies

Analogous

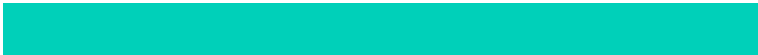
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.1840, -39.5307, -14.1934



159.9120, -13.7606, -66.5748



143.1860, 20.6143, -125.5741

Triad

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



159.9120, -13.7606, -66.5748



165.7600, 43.9953, -64.6875



175.4790, -22.9141, 69.7399

Complementary

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



159.9120, -13.7606, -66.5748



128.0880, 13.7606, 66.5748

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.



177.1840, 1.3883, 68.2446



159.9120, -13.7606, -66.5748



183.9090, 35.0479, 5.3418

Square

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



159.9120, -13.7606, -66.5748



146.4700, 53.5053, -128.4542



187.0740, 21.6555, 54.3091



180.1040, -44.4213, 61.2988

Rectangle

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



159.9120, -13.7606, -66.5748



147.1760, 35.9022, -129.0734



187.0740, 21.6555, 54.3091



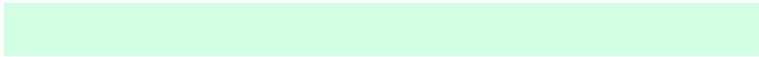
175.0690, -14.3310, 70.0995

Sweetspot

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



159.9120, -13.7606, -66.5748



238.0540, -5.4496, -25.4804



175.9680, -45.3402, -17.5119



117.3910, -3.1508, -16.1289



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.



159.9120, -13.7606, -66.5748



188.4550, -20.9303, -100.3770



166.7520, 12.4473, -72.5735



98.3260, -1.1467, -5.5479



104.9660, -19.2102, -92.0552



24.0160, -4.4449, -21.0620

Inverse Universe

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



128.0880, 13.7606, 66.5748



140.5450, 20.9303, 100.3770



121.2480, -12.4473, 72.5735



95.6740, 1.1467, 5.5479



60.9200, 18.7734, 92.1552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 159.9120, -13.7606, -66.5748 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 159.9120, -13.7606, -66.5748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

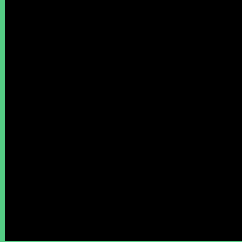
Any Text WCAG AA ✓ Pass

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 159.9120, -13.7606, -66.5748 Background



This preview shows how black text looks on a background with the YUV color 159.9120, -13.7606, -66.5748.



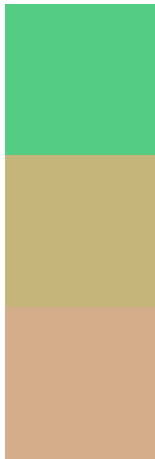
This preview shows how white text looks on a background with the YUV color 159.9120, -13.7606, -66.5748.

-66.5748.

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

159.9120, -13.7606, -66.5748

Protanopia

178.7590, -27.9822, 15.1204

Deuteranopia

180.7850, -20.6000, 27.3756



Tritanopia

169.8110, 19.8132, -55.0852

Trichromacy



Original Color

159.9120, -13.7606, -66.5748

Protanomaly

171.6520, -22.5064, -14.6038

Deuteranomaly

172.8470, -18.1656, -6.8818

Tritanomaly

166.5750, 7.6045, -59.2633

Monochromacy



Original Color

159.9120, -13.7606, -66.5748

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8800, -4.8708, -24.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9120, -13.7606, -66.5748 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(84, 204, 132)` looks like.

```
.text, #text, p{  
    color:rgb(84, 204, 132)  
}
```

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(84, 204, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 204, 132) }
```

Border

The CSS property to change the border of an element to YUV 159.9120, -13.7606, -66.5748 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(84, 204, 132) }
```


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

```
.border{ border-color:rgb(84, 204, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 204, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 204, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 204, 132);  
box-shadow:4px 4px 4px 4px rgb(84, 204,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 159.9120, -13.7606, -66.5748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 204, 132) }
```

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

```
.background{ background-color: rgb(84, 204,  
132) }
```

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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