

Converting Colors

YUV(150.0550, -3.9711,
-79.8552)

Have a look what the booklet for
YUV(150.0550, -3.9711, -79.8552)
contains.

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Color

**YUV(150.0550, -3.9711,
-79.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC68E
RGB	59, 198, 142
RGB Percent	23%, 78%, 56%
CMY	0.7686, 0.2235, 0.4431
CMYK	0.70, 0.00, 0.28, 0.22
HSL	156°, 55%, 50%
HSV	156°, 70%, 78%
XYZ	26.8802, 43.2710, 32.5266
YIQ	150.0550, -64.8680, -46.8840

Conversions

Conversions Part 2

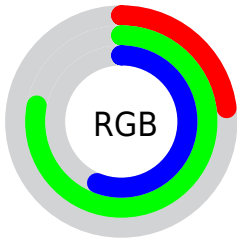
Format	Color
RYB	59, 146, 198
Decimal	3917454
CIELab	71.74, -49.99, 17.58
CIElCh	72, 52.986, 160.628
Yxy	43.2710, 0.2618, 0.4214
Android (android.graphics.Color)	4282107534 (0xFF3BC68E)
YUV	150.0550, -3.9711, -79.8552
Hunter-Lab	65.7807, -42.1751, 16.7293

Details

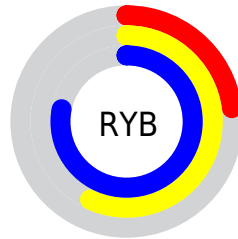
The YUV color **150.0550, -3.9711, -79.8552** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **106.9450, 3.9711, 79.8552**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8060, -6.3134, -75.2519**, and **94.4290, -1.1975, -82.8142** is the 20% darker color. If you saturate the color by 10%, you get **143.1630, -4.5174, -91.3510**, and if you desaturate by 10%, it is **156.9470, -3.4249, -68.3595**.

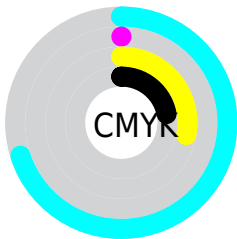
Distribution



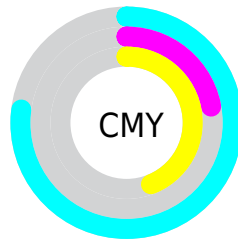
- Red (23%)
- Green (78%)
- Blue (56%)



- Red (23%)
- Yellow (57%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (77%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0550, -3.9711, -79.8552 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 150.0550, -3.9711, -79.8552 by changing the saturation by 10% instead.

■ 150.0550, -3.9711,
-79.8552

■ 150.0550, -3.9711,
-79.8552

■ 255.0000, 0.0000,
0.0000

■ 114.2100, 0.8825,
-96.6542

■ 208.8060, -6.3134,
-75.2519

■ 94.4290, -1.1975,
-82.8142

■ 220.9680, 1.4948,
-59.6079

■ 76.4310, -4.1565,
-67.0300

■ 233.2440, 9.7397,
-44.0640

■ 58.5470, -6.6787,
-51.3457

■ 242.4420, 6.1911,
-25.8206

■ 41.4780, -8.6167,
-36.3762

■ 251.4120, 1.7689,
-7.3773

■ 25.8280, -12.7332,
-22.6512

■ 7.0440, -3.4727,

-6.1776

■ 0.0000, 0.0000,
0.0000

■ 150.0550, -3.9711,
-79.8552

■ 150.0550, -3.9711,
-79.8552

■ 143.1630, -4.5174,
-91.3510

■ 156.9470, -3.4249,
-68.3595

■ 136.2710, -5.0636,
-102.8467

■ 163.8390, -2.8786,
-56.8638

■ 129.6780, -5.7573,
-113.7276

■ 170.4320, -2.1850,
-45.9829

■ 177.3240, -1.6387,
-34.4871

■ 184.2160, -1.0925,
-22.9914

■ 191.1080, -0.5462,
-11.4957

■ 198.0000, 0.0000,
0.0000

■ 204.5930, 0.6937,
10.8809

■ 211.4850, 1.2399,
22.3767

Harmonies

Analogous

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



163.7680, -31.9306, -25.2295



150.0550, -3.9711, -79.8552



139.2880, 25.9870, -122.1556

Triad

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



150.0550, -3.9711, -79.8552



168.8710, 42.4616, -39.3519



174.4700, -29.3187, 70.6248

Complementary

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



150.0550, -3.9711, -79.8552



106.9450, 3.9711, 79.8552

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.



173.7300, -6.7689, 71.2738



150.0550, -3.9711, -79.8552



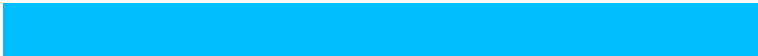
180.3560, 33.8415, 18.9818

Square

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



150.0550, -3.9711, -79.8552



140.6000, 56.3992, -123.3062



180.1580, 14.2191, 59.4974



173.3260, -44.5307, 49.7031

Rectangle

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



150.0550, -3.9711, -79.8552



142.3490, 40.2539, -124.8401



180.1580, 14.2191, 59.4974



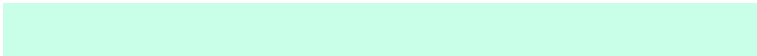
173.1310, -21.7566, 71.7991

Sweetspot

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



150.0550, -3.9711, -79.8552



236.3460, -1.6496, -30.9984



157.9350, -48.7750, -35.9000



116.9500, -0.9614, -18.3732



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.



150.0550, -3.9711, -79.8552



181.2100, -6.0195, -122.9642



149.3950, 23.9623, -79.2764



95.8530, -0.4205, -5.1331



106.7390, -4.8013, -93.6101



23.5260, -1.2453, -20.6323

Inverse Universe

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



106.9450, 3.9711, 79.8552



114.7900, 6.0195, 122.9642



107.6050, -23.9623, 79.2764



93.1470, 0.4205, 5.1331



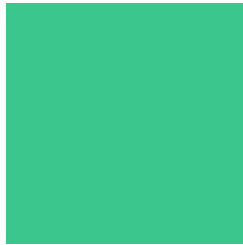
56.2610, 4.8013, 93.6101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 150.0550, -3.9711, -79.8552 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 150.0550, -3.9711, -79.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

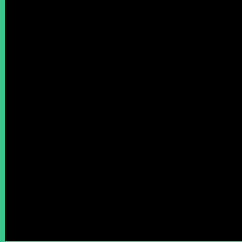
Any Text WCAG AA ✓ Pass

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 150.0550, -3.9711, -79.8552 Background



This preview shows how black text looks on a background with the YUV color 150.0550, -3.9711, -79.8552.



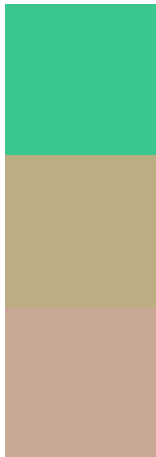
This preview shows how white text looks on a background with the YUV color 150.0550, -3.9711, -79.8552.

-79.8552.

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

150.0550, -3.9711, -79.8552

Protanopia

172.9850, -20.6986, 12.2912

Deuteranopia

175.4020, -13.0162, 21.5724



Tritanopia

160.6140, 21.8823, -65.4365

Trichromacy



Original Color

150.0550, -3.9711, -79.8552



Protanomaly

164.6710, -14.6278, -21.6365



Deuteranomaly

166.2680, -9.9921, -15.1440



Tritanomaly

156.7630, 12.4418, -70.8292

Monochromacy



Original Color

150.0550, -3.9711, -79.8552



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7700, -1.3656, -28.7393

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0550, -3.9711, -79.8552 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(59, 198, 142)` looks like.

```
.text, #text, p{  
    color:rgb(59, 198, 142)  
}
```

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(59, 198, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 198, 142) }
```

Border

The CSS property to change the border of an element to YUV 150.0550, -3.9711, -79.8552 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(59, 198, 142) }
```


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

```
.border{ border-color:rgb(59, 198, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 198, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 198, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 198, 142);  
box-shadow:4px 4px 4px 4px rgb(59, 198,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 150.0550, -3.9711, -79.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 198, 142) }
```

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

```
.background{ background-color: rgb(59, 198,  
142) }
```

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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