

Converting Colors

YUV(154.8420, 5.9939,
-55.9894)

Have a look what the booklet for
YUV(154.8420, 5.9939, -55.9894)
contains.

YUV(154.8420, 5.9939, -55.9894)	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(154.8420, 5.9939,
-55.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB9A7
RGB	91, 185, 167
RGB Percent	36%, 73%, 65%
CMY	0.6431, 0.2745, 0.3451
CMYK	0.51, 0.00, 0.10, 0.27
HSL	169°, 40%, 54%
HSV	169°, 51%, 73%
XYZ	28.6384, 39.7121, 42.7150
YIQ	154.8420, -50.2460, -25.5260

Conversions

Conversions Part 2

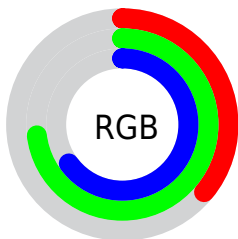
Format	Color
RYB	91, 143, 185
Decimal	6011303
CIELab	69.26, -32.32, 0.60
CIElCh	69, 32.321, 178.942
Yxy	39.7121, 0.2579, 0.3576
Android (android.graphics.Color)	4284201383 (0xFF5BB9A7)
YUV	154.8420, 5.9939, -55.9894
Hunter-Lab	63.0175, -29.1611, 3.9239

Details

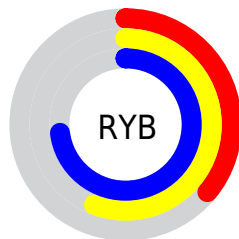
The YUV color **154.8420, 5.9939, -55.9894** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **121.1580, -5.9939, 55.9894**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3150, 5.2677, -56.4043**, and **98.3790, 8.1942, -61.7224** is the 20% darker color. If you saturate the color by 10%, you get **149.0040, 6.9000, -66.6555**, and if you desaturate by 10%, it is **160.9790, 4.9404, -44.7086**.

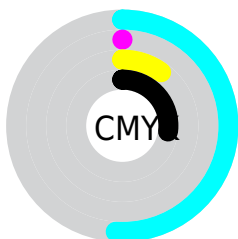
Distribution



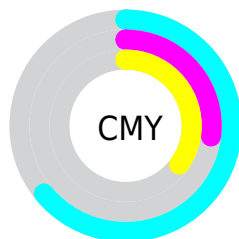
- Red (36%)
- Green (73%)
- Blue (65%)



- Red (36%)
- Yellow (56%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8420, 5.9939, -55.9894 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 154.8420, 5.9939, -55.9894 by changing the saturation by 10% instead.

■ 154.8420, 5.9939,
-55.9894

■ 154.8420, 5.9939,
-55.9894

■ 255.0000, 0.0000,
0.0000

■ 127.3580, 6.7255,
-57.3190

■ 211.3150, 5.2677,
-56.4043

■ 98.3790, 8.1942,
-61.7224

■ 230.9230, 9.8980,
-48.1675

■ 72.5960, 9.0732,
-63.6667

■ 240.0500, 7.3704,
-30.7388

■ 55.1850, 5.8248,
-48.3972

■ 248.7210, 3.0955,
-12.9103

■ 38.5890, 3.1606,
-33.8426

■ 23.8680, 0.0651,
-20.9322

■ 0.0000, 0.0000,

0.0000

■ 154.8420, 5.9939,
-55.9894

■ 154.8420, 5.9939,
-55.9894

■ 149.0040, 6.9000,
-66.6555

■ 160.9790, 4.9404,
-44.7086

■ 142.9810, 8.3904,
-78.0363

■ 166.7030, 3.5974,
-33.9425

■ 137.1430, 9.2965,
-88.7024

■ 172.8400, 2.5439,
-22.6617

■ 131.1200, 10.7868,
-100.0832

■ 178.5640, 1.2009,
-11.8956

■ 125.6950, 11.9824,
-110.2345

■ 184.7010, 0.1474,
-0.6148

■ 190.4250, -1.1955,
10.1513

■ 196.5620, -2.2491,
21.4321

■ 202.2860, -3.5920,
32.1982

■ 207.5260, -4.2033,
41.6347

Harmonies

Analogous

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



159.9410, -10.8169, -30.6433



154.8420, 5.9939, -55.9894



150.9830, 22.1934, -71.8991

Triad

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



154.8420, 5.9939, -55.9894



171.6020, 23.8602, 0.3490



169.8250, -24.5637, 38.7415

Complementary

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



154.8420, 5.9939, -55.9894



121.1580, -5.9939, 55.9894

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.



171.2250, -14.4079, 48.0377



154.8420, 5.9939, -55.9894



173.3190, 13.1537, 27.7842

Square

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



154.8420, 5.9939, -55.9894



165.1140, 30.5098, -32.5490



172.7590, -0.8672, 44.9384



167.3790, -28.2878, 19.8386

Rectangle

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



154.8420, 5.9939, -55.9894



153.4270, 28.8765, -68.7805



172.7590, -0.8672, 44.9384



170.2430, -21.8118, 42.7599

Sweetspot

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



154.8420, 5.9939, -55.9894



228.4380, 2.2491, -21.4321



151.8590, -30.0035, -36.7103



112.9660, 1.4958, -13.1252



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.8420, 5.9939, -55.9894



192.8550, 9.4385, -87.5728



140.4580, 21.9592, -43.3747



89.0810, 0.4531, -5.3330



105.9360, 9.8916, -92.9059



19.0580, 1.9434, -16.7139

Inverse Universe

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



121.1580, -5.9939, 55.9894



140.1450, -9.4385, 87.5728



135.5420, -21.9592, 43.3747



85.8050, -0.8899, 5.4330



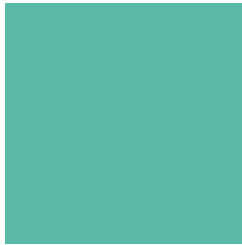
50.0640, -9.8916, 92.9059



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 154.8420, 5.9939, -55.9894 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 154.8420, 5.9939, -55.9894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

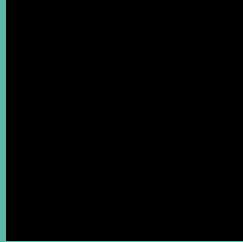
Any Text WCAG AA ✓ Pass

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 154.8420, 5.9939, -55.9894 Background



This preview shows how black text looks on a background with the YUV color 154.8420, 5.9939, -55.9894.



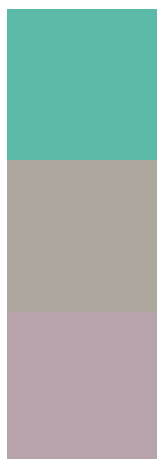
This preview shows how white text looks on a background with the YUV color 154.8420, 5.9939, -55.9894.

-55.9894.

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

154.8420, 5.9939, -55.9894

Protanopia

167.9530, -5.3998, 5.3032

Deuteranopia

170.0060, 0.9830, 11.3957



Tritanopia

158.3770, 18.0551, -51.1966

Trichromacy



Original Color

154.8420, 5.9939, -55.9894

Protanomaly

163.5480, -1.2562, -17.1436

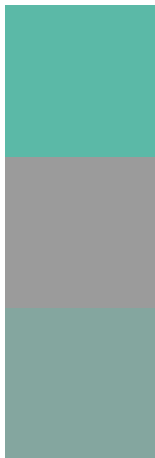
Deuteranomaly

164.6070, 2.6587, -12.8103

Tritanomaly

156.9270, 13.8400, -52.5560

Monochromacy



Original Color

154.8420, 5.9939, -55.9894

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0360, 1.9543, -20.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8420, 5.9939, -55.9894 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(91, 185, 167)` looks like.

```
.text, #text, p{  
    color:rgb(91, 185, 167)  
}
```

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(91, 185, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 185, 167) }
```

Border

The CSS property to change the border of an element to YUV 154.8420, 5.9939, -55.9894 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(91, 185, 167) }
```


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

```
.border{ border-color:rgb(91, 185, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 185, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 185, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 185, 167);  
box-shadow:4px 4px 4px 4px rgb(91, 185,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 154.8420, 5.9939, -55.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 185, 167) }
```

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

```
.background{ background-color: rgb(91, 185,  
167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor