

Converting Colors

YUV(154.8080, 10.4477,
-131.3816)

Have a look what the booklet for
YUV(154.8080, 10.4477, -131.3816)
contains.

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Color

**YUV(154.8080, 10.4477,
-131.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	05E3B0
RGB	5, 227, 176
RGB Percent	2%, 89%, 69%
CMY	0.9804, 0.1098, 0.3098
CMYK	0.98, 0.00, 0.22, 0.11
HSL	166°, 96%, 45%
HSV	166°, 98%, 89%
XYZ	35.3681, 58.1050, 50.4256
YIQ	154.8080, -115.9410, -62.9250

Conversions

Conversions Part 2

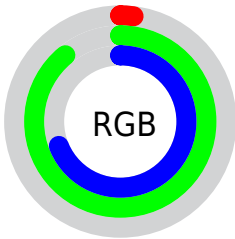
Format	Color
RYB	5, 130, 227
Decimal	385968
CIELab	80.80, -57.59, 12.15
CIELCh	81, 58.863, 168.083
Yxy	58.1050, 0.2458, 0.4038
Android (android.graphics.Color)	4278576048 (0xFF05E3B0)
YUV	154.8080, 10.4477, -131.3816
Hunter-Lab	76.2267, -50.5750, 14.1370

Details

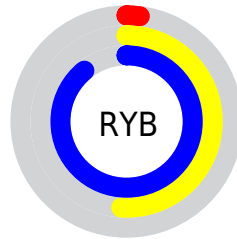
The YUV color **154.8080, 10.4477, -131.3816** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **77.1920, -10.4477, 131.3816**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0230, 11.3277, -86.8432**, and **113.8120, 4.5297, -99.8131** is the 20% darker color. If you saturate the color by 10%, you get **153.1990, 10.7479, -134.3555**, and if you desaturate by 10%, it is **162.2550, 9.2413, -117.7416**.

Distribution



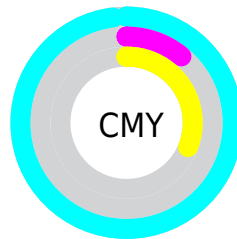
- Red (2%)
- Green (89%)
- Blue (69%)



- Red (2%)
- Yellow (51%)
- Blue (89%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8080, 10.4477, -131.3816 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 154.8080, 10.4477, -131.3816 by changing the saturation by 10% instead.

■ 154.8080, 10.4477,
-131.3816

■ 154.8080, 10.4477,
-131.3816

■ 255.0000, 0.0000,
0.0000

■ 133.2120, 7.7835,
-116.8269

■ 209.0230, 11.3277,
-86.8432

■ 113.8120, 4.5297,
-99.8131

■ 221.5120, 16.5096,
-68.8550

■ 95.2270, 1.8601,
-83.5141

■ 231.0800, 11.7926,
-49.1822

■ 76.6420, -0.8095,
-67.2150

■ 240.6480, 7.0755,
-29.5093

■ 58.7580, -3.3317,
-51.5308

■ 249.9170, 2.5059,
-10.4512

■ 41.5750, -5.7065,
-36.4613

■ 25.4520, -9.0968,

-22.3214

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 154.8080, 10.4477,
-131.3816

■ 154.8080, 10.4477,
-131.3816

■ 153.1990, 10.7479,
-134.3555

■ 162.2550, 9.2413,
-117.7416

■ 169.4030, 8.1823,
-104.7164

■ 176.9640, 7.4127,
-91.1764

■ 184.4110, 6.2064,
-77.5364

■ 191.8580, 5.0000,
-63.8965

■ 199.0060, 3.9410,
-50.8713

■ 206.5670, 3.1715,
-37.3313

■ 214.0140, 1.9651,
-23.6913

■ 221.1620, 0.9061,
-10.6661

Harmonies

Analogous

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



184.2390, -29.6978, -41.4286



154.8080, 10.4477, -131.3816



160.3980, 35.7928, -140.6690

Triad

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



154.8080, 10.4477, -131.3816



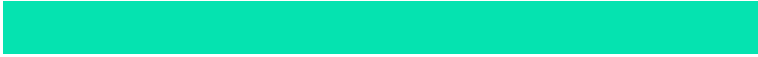
193.7670, 30.1879, -22.5977



189.8290, -33.9327, 57.1550

Complementary

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



154.8080, 10.4477, -131.3816



77.1920, -10.4477, 131.3816

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.



186.4960, -8.6255, 60.0780



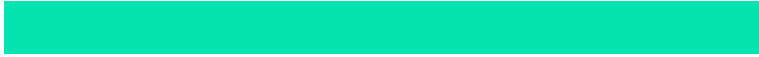
154.8080, 10.4477, -131.3816



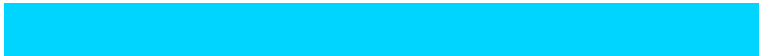
204.4740, 24.9093, 37.2953

Square

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



154.8080, 10.4477, -131.3816



154.1010, 49.7432, -135.1466



193.4670, 15.5458, 53.9644



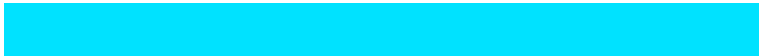
196.8390, -52.6716, 47.4992

Rectangle

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



154.8080, 10.4477, -131.3816



161.7320, 45.9811, -141.8390



193.4670, 15.5458, 53.9644



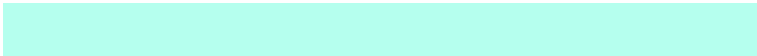
187.3160, -25.7918, 59.3589

Sweetspot

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



154.8080, 10.4477, -131.3816



230.9360, 3.4826, -43.7939



150.8620, -71.9100, -82.3170



113.2910, 1.8285, -26.5652



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.



154.8080, 10.4477, -131.3816



172.0290, 11.8177, -150.8694



125.9890, 49.7984, -106.1074



111.0700, 0.4585, -7.0774



120.6910, 8.0403, -105.8460



34.3830, 2.2762, -30.1539

Inverse Universe

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



77.1920, -10.4477, 131.3816



82.9710, -11.8177, 150.8694



106.0110, -49.7984, 106.1074



106.9300, -0.4585, 7.0774



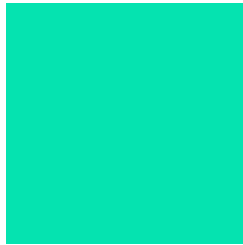
58.1950, -8.4771, 105.9460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 154.8080, 10.4477, -131.3816 looks on a white background.

Color Contrast Check

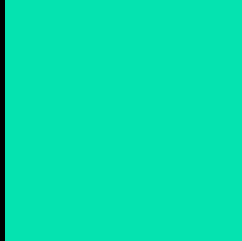
Large Text (above 18pt) WCAG AA × Fail

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 154.8080, 10.4477, -131.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

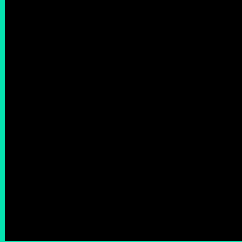
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

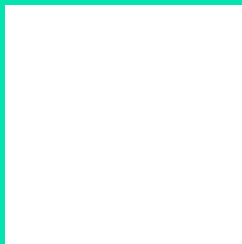
Any Text WCAG AAA ✓ Pass

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

YUV 154.8080, 10.4477, -131.3816 Background



This preview shows how black text looks on a background with the YUV color 154.8080, 10.4477, -131.3816.

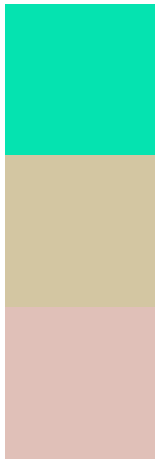


This preview shows how white text looks on a background with the YUV color 154.8080, 10.4477, -131.3816.

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

154.8080, 10.4477, -131.3816

Protanopia

197.7830, -17.6410, 11.5913

Deuteranopia

200.6560, -8.2114, 20.4727



Tritanopia

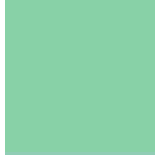
176.8000, 29.6786, -92.7866

Trichromacy



Original Color

154.8080, 10.4477, -131.3816



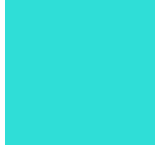
Protanomaly

182.3850, -7.5848, -40.6796



Deuteranomaly

184.0250, -1.4913, -35.1019



Tritanomaly

168.8770, 22.7386, -106.8861

Monochromacy



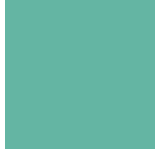
Original Color

154.8080, 10.4477, -131.3816



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.7290, 4.0776, -47.9973

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8080, 10.4477, -131.3816 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(5, 227, 176)` looks like.

```
.text, #text, p{  
    color:rgb(5, 227, 176)  
}
```

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(5, 227, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 227, 176) }
```

Border

The CSS property to change the border of an element to YUV 154.8080, 10.4477, -131.3816 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(5, 227, 176) }
```


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

```
.border{ border-color:rgb(5, 227, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 227, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 227, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 227, 176);  
box-shadow:4px 4px 4px 4px rgb(5, 227,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 154.8080, 10.4477, -131.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 227, 176) }
```

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

```
.background{ background-color: rgb(5, 227,  
176) }
```

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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