

Converting Colors

YUV(155.3280, 1.8103,
-114.2977)

Have a look what the booklet for
YUV(155.3280, 1.8103, -114.2977)
contains.

YUV(155.3280, 1.8103, -114.2977)	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(155.3280, 1.8103,
-114.2977)**

Conversions

Conversions Part 1

Format	Color
Hex	19DD9F
RGB	25, 221, 159
RGB Percent	10%, 87%, 62%
CMY	0.9020, 0.1333, 0.3765
CMYK	0.89, 0.00, 0.28, 0.13
HSL	161°, 80%, 48%
HSV	161°, 89%, 87%
XYZ	32.5154, 54.4228, 41.5918
YIQ	155.3280, -96.9140, -60.8340

Conversions

Conversions Part 2

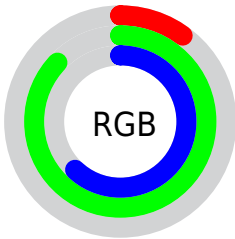
Format	Color
RYB	25, 141, 221
Decimal	1695135
CIELab	78.71, -58.53, 18.17
CIElCh	79, 61.286, 162.750
Yxy	54.4228, 0.2530, 0.4234
Android (android.graphics.Color)	4279885215 (0xFF19DD9F)
YUV	155.3280, 1.8103, -114.2977
Hunter-Lab	73.7718, -50.4257, 18.2131

Details

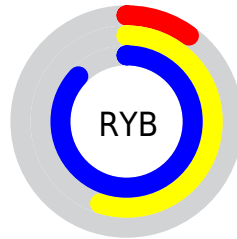
The YUV color **155.3280, 1.8103, -114.2977** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **90.6720, -1.8103, 114.2977**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5690, 3.1705, -83.8140**, and **109.0530, -1.0121, -95.6395** is the 20% darker color. If you saturate the color by 10%, you get **147.9520, 1.9957, -127.1229**, and if you desaturate by 10%, it is **162.7040, 1.6249, -101.4724**.

Distribution



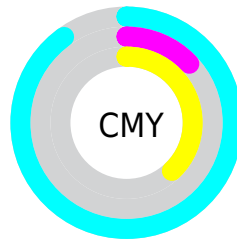
- Red (10%)
- Green (87%)
- Blue (62%)



- Red (10%)
- Yellow (55%)
- Blue (87%)



- Cyan (89%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)



- Cyan (90%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3280, 1.8103, -114.2977 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 155.3280, 1.8103, -114.2977 by changing the saturation by 10% instead.

■ 155.3280, 1.8103,
-114.2977

■ 155.3280, 1.8103,
-114.2977

■ 255.0000, 0.0000,
0.0000

■ 127.8660, 2.5311,
-112.1385

■ 207.5690, 3.1705,
-83.8140

■ 109.0530, -1.0121,
-95.6395

■ 220.3290, 10.6838,
-66.9405

■ 89.8810, -3.3923,
-78.8256

■ 231.3790, 11.6452,
-48.5674

■ 71.9970, -5.9145,
-63.1414

■ 240.6480, 7.0755,
-29.5093

■ 54.1130, -8.4367,
-47.4571

■ 249.9170, 2.5059,
-10.4512

■ 37.0440, -10.3747,
-32.4876

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 155.3280, 1.8103,
-114.2977

■ 155.3280, 1.8103,
-114.2977

■ 147.9520, 1.9957,
-127.1229

■ 162.7040, 1.6249,
-101.4724

■ 146.9410, 2.0011,
-128.8673

■ 170.0800, 1.4396,
-88.6472

■ 177.4560, 1.2542,
-75.8219

■ 184.8320, 1.0688,
-62.9967

■ 192.2080, 0.8835,
-50.1714

■ 199.8830, 0.5507,
-36.7314

■ 207.2590, 0.3653,
-23.9061

■ 214.6350, 0.1799,
-11.0809

■ 222.0110, -0.0054,
1.7444

Harmonies

Analogous

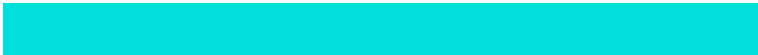
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.3880, -35.6873, -33.6663



155.3280, 1.8103, -114.2977



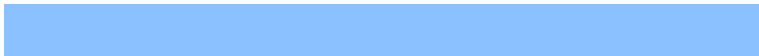
155.7530, 30.6878, -136.5954

Triad

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



155.3280, 1.8103, -114.2977



183.9220, 35.0415, -39.3966



183.2580, -31.1862, 62.9177

Complementary

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



155.3280, 1.8103, -114.2977



90.6720, -1.8103, 114.2977

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.



181.0820, -3.9844, 64.8261



155.3280, 1.8103, -114.2977



197.6300, 28.2834, 28.3885

Square

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



155.3280, 1.8103, -114.2977



152.3400, 50.6114, -133.6022



190.5150, 19.4661, 56.5533



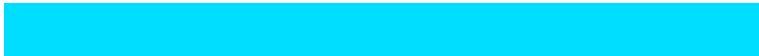
191.3670, -53.4249, 55.8061

Rectangle

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



155.3280, 1.8103, -114.2977



159.3840, 47.1387, -139.7798



190.5150, 19.4661, 56.5533



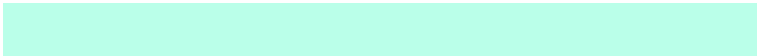
181.5600, -22.4611, 64.4069

Sweetspot

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



155.3280, 1.8103, -114.2977



231.8610, 0.5615, -40.2201



158.5900, -65.8599, -62.7844



114.2590, 0.3653, -23.9061



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.



155.3280, 1.8103, -114.2977



169.5210, 2.2081, -148.6699



141.2640, 39.3098, -101.9635



106.2550, -0.1257, -6.3626



115.1170, 1.9143, -100.9576



30.5360, 0.2288, -26.7801

Inverse Universe

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



90.6720, -1.8103, 114.2977



85.4790, -2.2081, 148.6699



104.7360, -39.3098, 101.9635



102.6310, -0.3111, 6.4626



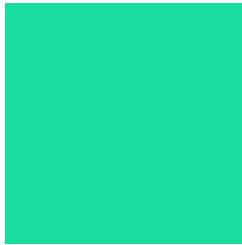
57.9970, -1.4775, 100.8576



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 155.3280, 1.8103, -114.2977 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 155.3280, 1.8103, -114.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

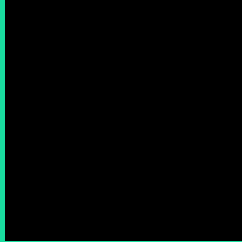
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

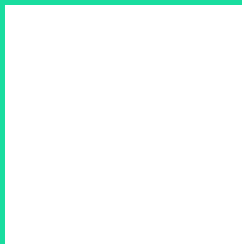
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.3280, 1.8103, -114.2977

Background



This preview shows how black text looks on a background with the YUV color 155.3280, 1.8103, -114.2977.

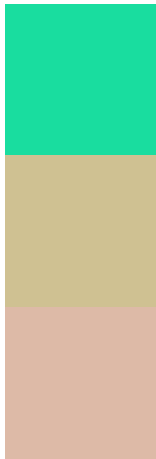


This preview shows how white text looks on a background with the YUV color 155.3280, 1.8103, -114.2977.

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

155.3280, 1.8103, -114.2977

Protanopia

191.8280, -22.5932, 13.3058

Deuteranopia

194.2990, -13.4584, 23.4168



Tritanopia

173.2740, 27.4729, -85.3093

Trichromacy



Original Color

155.3280, 1.8103, -114.2977



Protanomaly

178.5340, -13.5743, -32.9173



Deuteranomaly

180.3590, -8.0650, -26.6248



Tritanomaly

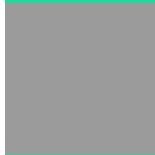
166.5040, 18.4855, -96.0350

Monochromacy



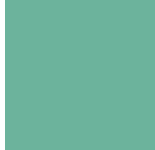
Original Color

155.3280, 1.8103, -114.2977



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1490, 0.4195, -41.3497

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3280, 1.8103, -114.2977 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(25, 221, 159)` looks like.

```
.text, #text, p{  
    color:rgb(25, 221, 159)  
}
```

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(25, 221, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 221, 159) }
```

Border

The CSS property to change the border of an element to YUV 155.3280, 1.8103, -114.2977 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(25, 221, 159) }
```


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

```
.border{ border-color:rgb(25, 221, 159) }
```

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

Here you see how a box with a 4 pixel rgb(25, 221, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 221, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 221, 159);  
box-shadow:4px 4px 4px 4px rgb(25, 221,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 155.3280, 1.8103, -114.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 221, 159) }
```

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

```
.background{ background-color: rgb(25, 221,  
159) }
```

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