

Converting Colors

YUV(130.9150, 1.5209,
-114.8125)

Have a look what the booklet for
YUV(130.9150, 1.5209, -114.8125)
contains.

YUV(130.9150, 1.5209, -114.8125)	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>	30

Color

**YUV(130.9150, 1.5209,
-114.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	00C586
RGB	0, 197, 134
RGB Percent	0%, 77%, 53%
CMY	1.0000, 0.2275, 0.4745
CMYK	1.00, 0.00, 0.32, 0.23
HSL	161°, 100%, 39%
HSV	161°, 100%, 77%
XYZ	24.2693, 41.6537, 29.3151
YIQ	130.9150, -97.1890, -61.3570

Conversions

Conversions Part 2

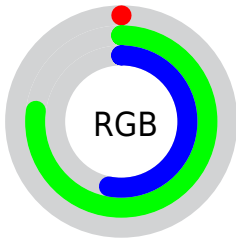
Format	Color
RYB	0, 117, 197
Decimal	50566
CIELab	70.63, -56.20, 20.22
CIELCh	71, 59.731, 160.213
Yxy	41.6537, 0.2548, 0.4374
Android (android.graphics.Color)	4278240646 (0xFF00C586)
YUV	130.9150, 1.5209, -114.8125
Hunter-Lab	64.5397, -45.8218, 18.2472

Details

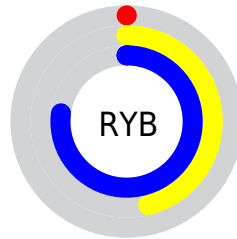
The YUV color **130.9150, 1.5209, -114.8125** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **66.0850, -1.5209, 114.8125**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9030, -6.8542, -88.4919**, and **92.9300, -4.4025, -81.4996** is the 20% darker color. If you saturate the color by 10%, you get **130.9150, 1.5209, -114.8125**, and if you desaturate by 10%, it is **137.5790, 1.1936, -103.1168**.

Distribution



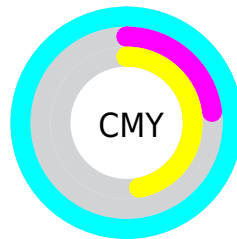
- Red (0%)
- Green (77%)
- Blue (53%)



- Red (0%)
- Yellow (46%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.9150, 1.5209, -114.8125 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 130.9150, 1.5209, -114.8125 by changing the saturation by 10% instead.

■ 130.9150, 1.5209,
-114.8125

■ 130.9150, 1.5209,
-114.8125

■ 255.0000, 0.0000,
0.0000

■ 111.6290, -1.2961,
-97.8986

■ 200.9030, -6.8542,
-88.4919

■ 92.9300, -4.4025,
-81.4996

■ 213.6630, 0.6591,
-71.6185

■ 74.3450, -7.0721,
-65.2006

■ 226.2380, 8.7567,
-55.4597

■ 56.5750, -9.1575,
-49.6163

■ 236.4620, 9.1392,
-38.1162

■ 39.5060, -11.0955,
-34.6468

■ 245.7310, 4.5696,
-19.0581

■ 24.6540, -12.1544,
-21.6216

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 130.9150, 1.5209,
-114.8125

■ 137.5790, 1.1936,
-103.1168

■ 144.0580, 1.4504,
-92.1359

■ 150.7220, 1.1231,
-80.4402

■ 157.3860, 0.7957,
-68.7445

■ 164.0500, 0.4683,
-57.0489

■ 170.5290, 0.7252,
-46.0679

■ 177.1930, 0.3979,
-34.3723

■ 183.8570, 0.0705,
-22.6766

■ 190.3360, 0.3274,
-11.6957

Harmonies

Analogous

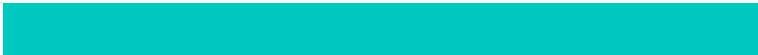
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.3070, -36.1404, -28.3332



130.9150, 1.5209, -114.8125



139.0600, 25.1134, -121.9556

Triad

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



130.9150, 1.5209, -114.8125



161.7280, 45.9831, -48.8735



168.0470, -31.0822, 76.2578

Complementary

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



130.9150, 1.5209, -114.8125



66.0850, -1.5209, 114.8125

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.



166.8170, -5.3328, 77.3365



130.9150, 1.5209, -114.8125



177.5070, 38.2040, 19.7264

Square

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



130.9150, 1.5209, -114.8125



139.4260, 56.9780, -122.2766



176.0110, 17.2496, 67.5194



169.2790, -49.9305, 55.0063

Rectangle

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



130.9150, 1.5209, -114.8125



142.5770, 41.1275, -125.0400



176.0110, 17.2496, 67.5194



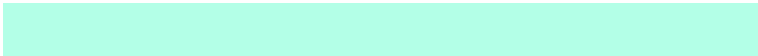
166.9360, -22.6464, 77.2321

Sweetspot

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



130.9150, 1.5209, -114.8125



229.5400, 0.7198, -44.3236



135.3730, -66.7389, -60.8401



112.5360, 0.2288, -26.7801



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.



130.9150, 1.5209, -114.8125



169.4070, 1.7713, -148.5699



118.7260, 38.5891, -104.1227



95.9670, 0.0163, -5.2331



108.3350, 1.3138, -95.0098



23.8680, 0.0651, -20.9322

Inverse Universe

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



66.0850, -1.5209, 114.8125



85.5930, -1.7713, 148.5699



78.2740, -38.5891, 104.1227



93.0330, -0.0163, 5.2331



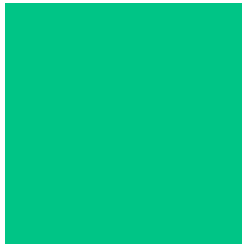
54.6650, -1.3138, 95.0098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 130.9150, 1.5209, -114.8125 looks on a white background.

Color Contrast Check

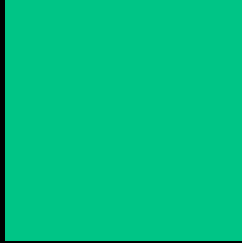
Large Text (above 18pt) WCAG AA × Fail

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 130.9150, 1.5209, -114.8125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

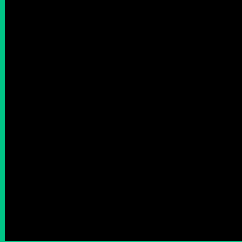
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 130.9150, 1.5209, -114.8125

Background



This preview shows how black text looks on a background with the YUV color 130.9150, 1.5209, -114.8125.



This preview shows how white text looks on a background with the YUV color 130.9150, 1.5209, -114.8125.

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



Protanopia

169.7140, -23.0300, 13.4058

Deuteranopia

172.1310, -15.3476, 22.6871

Tritanopia

153.6450, 24.8250, -75.9877

Trichromacy



Protanomaly

155.4200, -14.0111, -32.8173

Deuteranomaly

157.3050, -9.5174, -27.4545

Tritanomaly

145.3800, 16.5747, -89.7873

Monochromacy



Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8500, 0.5670, -41.9644

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9150, 1.5209, -114.8125 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(0, 197, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 134)  
}
```

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(0, 197, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 134) }
```

Border

The CSS property to change the border of an element to YUV 130.9150, 1.5209, -114.8125 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(0, 197, 134) }
```

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

```
.border{ border-color:rgb(0, 197, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
134) }
```


Background

The CSS property to change the background color of an element to YUV 130.9150, 1.5209, -114.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 134) }
```

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

```
.background{ background-color: rgb(0, 197,  
134) }
```

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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