

Converting Colors

YUV(142.0000, 5.9160,
-124.5340)

Have a look what the booklet for
YUV(142.0000, 5.9160, -124.5340)
contains.

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Color

**YUV(142.0000, 5.9160,
-124.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	00D49A
RGB	0, 212, 154
RGB Percent	0%, 83%, 60%
CMY	1.0000, 0.1686, 0.3961
CMYK	1.00, 0.00, 0.27, 0.17
HSL	164°, 100%, 42%
HSV	164°, 100%, 83%
XYZ	29.3762, 49.4201, 38.5626
YIQ	142.0000, -107.7340, -62.9820

Conversions

Conversions Part 2

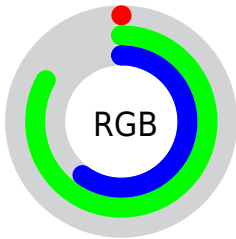
Format	Color
RYB	0, 123, 212
Decimal	54426
CIELab	75.71, -57.25, 16.62
CIELCh	76, 59.617, 163.812
Yxy	49.4201, 0.2503, 0.4211
Android (android.graphics.Color)	4278244506 (0xFF00D49A)
YUV	142.0000, 5.9160, -124.5340
Hunter-Lab	70.2994, -48.4336, 16.6862

Details

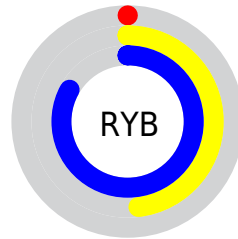
The YUV color **142.0000, 5.9160, -124.5340** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **70.0000, -5.9160, 124.5340**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6070, 2.1657, -88.2323**, and **103.3140, -0.1548, -90.6064** is the 20% darker color. If you saturate the color by 10%, you get **142.0000, 5.9160, -124.5340**, and if you desaturate by 10%, it is **148.9630, 5.4412, -112.2236**.

Distribution



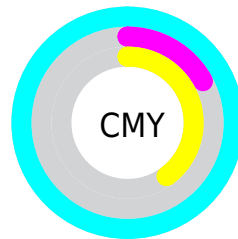
- Red (0%)
- Green (83%)
- Blue (60%)



- Red (0%)
- Yellow (48%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (100%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.0000, 5.9160, -124.5340 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 142.0000, 5.9160, -124.5340 by changing the saturation by 10% instead.

■ 142.0000, 5.9160,
-124.5340

■ 142.0000, 5.9160,
-124.5340

■ 255.0000, 0.0000,
0.0000

■ 122.6000, 2.6622,
-107.5202

■ 204.6070, 2.1657,
-88.2323

■ 103.3140, -0.1548,
-90.6064

■ 217.6660, 9.5317,
-70.7441

■ 84.7290, -2.8244,
-74.3073

■ 229.2860, 12.6770,
-52.8708

■ 66.7310, -5.7834,
-58.5231

■ 238.5550, 8.1074,
-33.8127

■ 49.0750, -7.4320,
-43.0388

■ 247.8240, 3.5378,
-14.7546

■ 32.4790, -10.0961,
-28.4841

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 142.0000, 5.9160,
-124.5340

■ 148.9630, 5.4412,
-112.2236

■ 155.9260, 4.9665,
-99.9131

■ 163.0740, 3.9075,
-86.8879

■ 170.0370, 3.4328,
-74.5774

■ 177.0000, 2.9580,
-62.2670

■ 183.9630, 2.4832,
-49.9566

■ 190.9260, 2.0085,
-37.6461

■ 198.0740, 0.9495,
-24.6209

■ 205.0370, 0.4748,
-12.3104

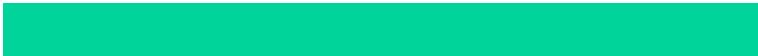
Harmonies

Analogous

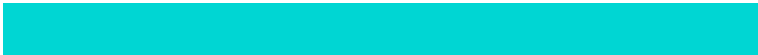
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.6590, -33.3559, -34.7809



142.0000, 5.9160, -124.5340



149.6720, 30.2347, -131.2623

Triad

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



142.0000, 5.9160, -124.5340



178.0410, 37.9408, -35.9930



178.3510, -32.2180, 67.2212

Complementary

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



142.0000, 5.9160, -124.5340



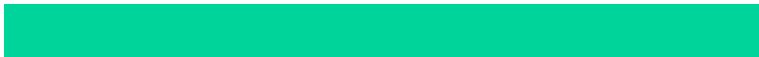
70.0000, -5.9160, 124.5340

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.



176.4200, -6.6161, 68.9147



142.0000, 5.9160, -124.5340



190.8410, 31.6304, 28.2034

Square

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



142.0000, 5.9160, -124.5340



147.0570, 53.2159, -128.9690



185.1520, 16.6871, 61.2567



183.1000, -51.8143, 52.5323

Rectangle

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



142.0000, 5.9160, -124.5340



153.0750, 45.8120, -134.2468



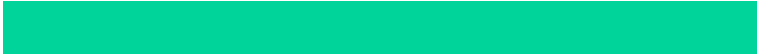
185.1520, 16.6871, 61.2567



176.5390, -23.9297, 68.8103

Sweetspot

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



142.0000, 5.9160, -124.5340



229.8820, 2.0302, -44.6235



142.3840, -70.1953, -72.2508



112.7640, 1.1023, -26.9800



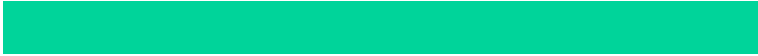
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.0000, 5.9160, -124.5340



170.7750, 7.0129, -149.7697



121.6100, 44.5623, -106.6520



103.3690, 0.3111, -6.4626



114.5130, 4.6771, -100.4279



28.7750, 1.0969, -25.2357

Inverse Universe

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



70.0000, -5.9160, 124.5340



84.2250, -7.0129, 149.7697



90.3900, -44.5623, 106.6520



99.6310, -0.3111, 6.4626



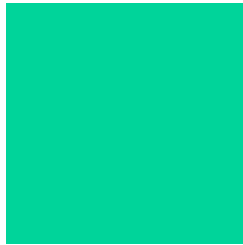
56.4870, -4.6771, 100.4279



14.2250, -1.0969, 25.2357

Previews

White Background



This preview shows how the YUV color 142.0000, 5.9160, -124.5340 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 142.0000, 5.9160, -124.5340 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

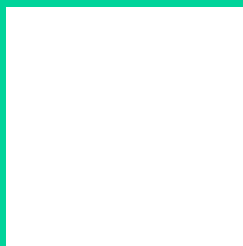
Any Text WCAG AAA ✓ Pass

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

YUV 142.0000, 5.9160, -124.5340 Background



This preview shows how black text looks on a background with the YUV color 142.0000, 5.9160, -124.5340.



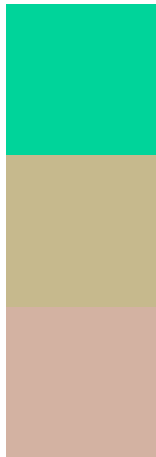
This preview shows how white text looks on a background with the YUV color 142.0000, 5.9160,

-124.5340.

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

142.0000, 5.9160, -124.5340

Protanopia

183.8710, -21.1354, 12.3911

Deuteranopia

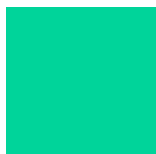
186.0430, -11.8532, 21.8873



Tritanopia

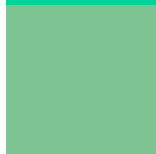
165.1710, 27.0307, -83.4650

Trichromacy



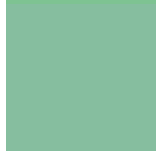
Original Color

142.0000, 5.9160, -124.5340



Protanomaly

168.7830, -11.2320, -37.5207



Deuteranomaly

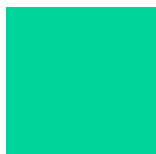
169.7220, -5.2859, -31.3282



Tritanomaly

156.7210, 19.3645, -97.9793

Monochromacy



Original Color

142.0000, 5.9160, -124.5340



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.5830, 2.1776, -45.2383

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.0000, 5.9160, -124.5340 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, 212, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 154)  
}
```

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, 212, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 154) }
```

Border

The CSS property to change the border of an element to YUV 142.0000, 5.9160, -124.5340 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, 212, 154) }
```


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

```
.border{ border-color:rgb(0, 212, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 142.0000, 5.9160, -124.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 154) }
```

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

```
.background{ background-color: rgb(0, 212,  
154) }
```

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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