

Converting Colors

YUV(141.8550, 2.5365,
-113.8828)

Have a look what the booklet for
YUV(141.8550, 2.5365, -113.8828)
contains.

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Color

**YUV(141.8550, 2.5365,
-113.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	0CCF93
RGB	12, 207, 147
RGB Percent	5%, 81%, 58%
CMY	0.9529, 0.1882, 0.4235
CMYK	0.94, 0.00, 0.29, 0.19
HSL	162°, 89%, 43%
HSV	162°, 94%, 81%
XYZ	27.7309, 46.8104, 35.1775
YIQ	141.8550, -96.9600, -60.0000

Conversions

Conversions Part 2

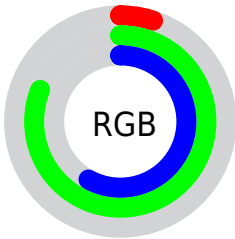
Format	Color
RYB	12, 127, 207
Decimal	839571
CIELab	74.07, -56.60, 18.06
CIELCh	74, 59.412, 162.308
Yxy	46.8104, 0.2527, 0.4266
Android (android.graphics.Color)	4279029651 (0xFF0CCF93)
YUV	141.8550, 2.5365, -113.8828
Hunter-Lab	68.4181, -47.3830, 17.4084

Details

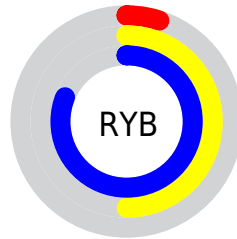
The YUV color **141.8550, 2.5365, -113.8828** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **77.1450, -2.5365, 113.8828**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9940, -1.4760, -86.8177**, and **99.5810, -1.7654, -87.3325** is the 20% darker color. If you saturate the color by 10%, you get **137.8110, 2.5582, -120.8602**, and if you desaturate by 10%, it is **148.8180, 2.0617, -101.5724**.

Distribution



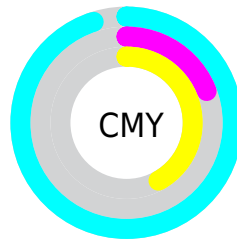
- Red (5%)
- Green (81%)
- Blue (58%)



- Red (5%)
- Yellow (50%)
- Blue (81%)



- Cyan (94%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (95%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.8550, 2.5365, -113.8828 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 141.8550, 2.5365, -113.8828 by changing the saturation by 10% instead.

■ 141.8550, 2.5365,
-113.8828

■ 141.8550, 2.5365,
-113.8828

■ 255.0000, 0.0000,
0.0000

■ 118.8670, 1.0516,
-104.2464

■ 203.9940, -1.4760,
-86.8177

■ 99.5810, -1.7654,
-87.3325

■ 216.7540, 6.0373,
-69.9443

■ 80.9960, -4.4350,
-71.0335

■ 228.9870, 12.8244,
-53.4856

■ 63.1120, -6.9572,
-55.3492

■ 238.2560, 8.2548,
-34.4275

■ 46.0430, -8.8952,
-40.3797

■ 247.5250, 3.6852,
-15.3694

■ 29.8060, -12.7224,
-26.1399

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 141.8550, 2.5365,
-113.8828

■ 141.8550, 2.5365,
-113.8828

■ 137.8110, 2.5582,
-120.8602

■ 148.8180, 2.0617,
-101.5724

■ 155.5960, 2.1712,
-89.9767

■ 162.5590, 1.6964,
-77.6662

■ 169.5220, 1.2217,
-65.3558

■ 176.5990, 1.1837,
-53.1453

■ 183.2630, 0.8563,
-41.4497

■ 190.3400, 0.8184,
-29.2392

■ 197.3030, 0.3436,
-16.9287

■ 203.9670, 0.0163,
-5.2331

Harmonies

Analogous

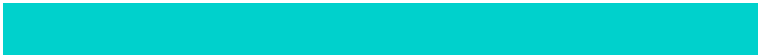
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.7410, -34.3823, -32.2219



141.8550, 2.5365, -113.8828



145.9390, 28.6241, -127.9885

Triad

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



141.8550, 2.5365, -113.8828



172.4040, 40.7198, -40.6963



175.1880, -31.6447, 69.9951

Complementary

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



141.8550, 2.5365, -113.8828



77.1450, -2.5365, 113.8828

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.



173.3710, -5.6059, 71.5886



141.8550, 2.5365, -113.8828



186.1010, 33.9672, 25.3444

Square

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



141.8550, 2.5365, -113.8828



144.7090, 54.3735, -126.9098



182.5760, 16.9710, 63.5158



178.9260, -51.2355, 53.5619

Rectangle

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



141.8550, 2.5365, -113.8828



149.3420, 44.2014, -130.9729



182.5760, 16.9710, 63.5158



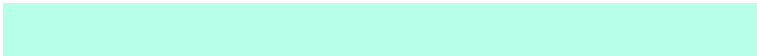
173.4900, -22.9196, 71.4843

Sweetspot

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



141.8550, 2.5365, -113.8828



231.2630, 0.8563, -41.4497



145.0030, -65.5705, -62.2696



113.2480, 0.3707, -25.6505



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.



141.8550, 2.5365, -113.8828



169.8630, 3.5185, -148.9699



127.5630, 39.1624, -101.3488



101.2550, -0.1257, -6.3626



111.9540, 2.4877, -98.1837



27.2590, 0.3653, -23.9061

Inverse Universe

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



77.1450, -2.5365, 113.8828



85.1370, -3.5185, 148.9699



91.4370, -39.1624, 101.3488



97.6310, -0.3111, 6.4626



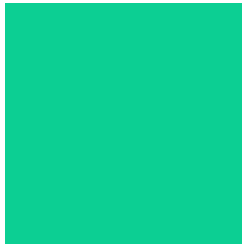
56.1600, -2.0509, 98.0837



13.7410, -0.3653, 23.9061

Previews

White Background



This preview shows how the YUV color 141.8550, 2.5365, -113.8828 looks on a white background.

Color Contrast Check

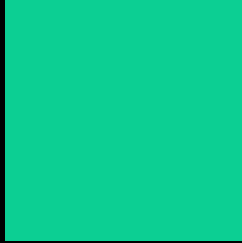
Large Text (above 18pt) WCAG AA × Fail

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 141.8550, 2.5365, -113.8828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

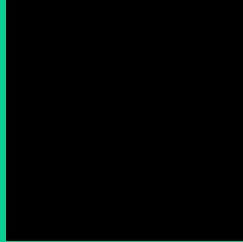
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 141.8550, 2.5365, -113.8828

Background



This preview shows how black text looks on a background with the YUV color 141.8550, 2.5365, -113.8828.



This preview shows how white text looks on a background with the YUV color 141.8550, 2.5365, -113.8828.

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

141.8550, 2.5365, -113.8828

Protanopia

178.7570, -21.5722, 12.4911

Deuteranopia

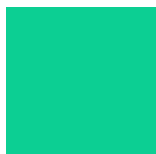
181.5870, -13.6004, 22.2872



Tritanopia

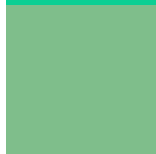
161.5520, 25.8569, -80.2911

Trichromacy



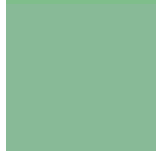
Original Color

141.8550, 2.5365, -113.8828



Protanomaly

165.3490, -12.9901, -33.6321



Deuteranomaly

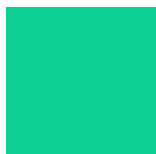
167.0600, -7.9176, -27.2396



Tritanomaly

154.2980, 17.6011, -92.3463

Monochromacy



Original Color

141.8550, 2.5365, -113.8828



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

142.2630, 0.8563, -41.4497

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.8550, 2.5365, -113.8828 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(12, 207, 147)` looks like.

```
.text, #text, p{  
    color:rgb(12, 207, 147)  
}
```

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(12, 207, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 207, 147) }
```

Border

The CSS property to change the border of an element to YUV 141.8550, 2.5365, -113.8828 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(12, 207, 147) }
```


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

```
.border{ border-color:rgb(12, 207, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 207, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 207, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 207, 147);  
box-shadow:4px 4px 4px 4px rgb(12, 207,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 141.8550, 2.5365, -113.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 207, 147) }
```

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

```
.background{ background-color: rgb(12, 207,  
147) }
```

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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