

Converting Colors

YUV(140.5700, -5.2110,
-102.2319)

Have a look what the booklet for
YUV(140.5700, -5.2110, -102.2319)
contains.

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Color

**YUV(140.5700, -5.2110,
-102.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	18CA82
RGB	24, 202, 130
RGB Percent	9%, 79%, 51%
CMY	0.9059, 0.2078, 0.4902
CMYK	0.88, 0.00, 0.36, 0.21
HSL	156°, 79%, 44%
HSV	156°, 88%, 79%
XYZ	25.5265, 44.0470, 28.2756
YIQ	140.5700, -82.9760, -60.1280

Conversions

Conversions Part 2

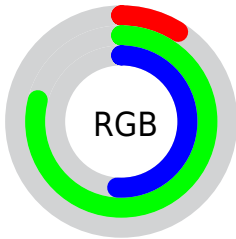
Format	Color
RYB	24, 136, 202
Decimal	1624706
CIELab	72.26, -57.84, 24.57
CIELCh	72, 62.842, 156.981
Yxy	44.0470, 0.2609, 0.4502
Android (android.graphics.Color)	4279814786 (0xFF18CA82)
YUV	140.5700, -5.2110, -102.2319
Hunter-Lab	66.3679, -47.4889, 21.1974

Details

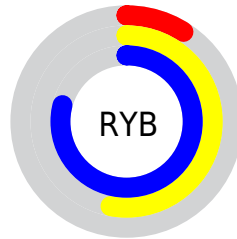
The YUV color **140.5700, -5.2110, -102.2319** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **85.4300, 5.2110, 102.2319**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2410, -9.4858, -84.4034**, and **94.8220, -7.3072, -83.1589** is the 20% darker color. If you saturate the color by 10%, you get **133.6780, -5.7573, -113.7276**, and if you desaturate by 10%, it is **147.4620, -4.6648, -90.7362**.

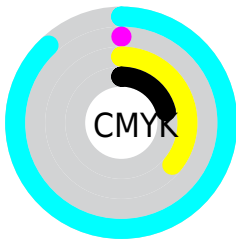
Distribution



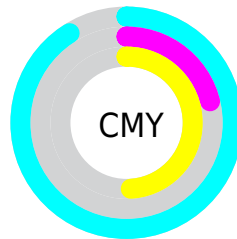
- Red (9%)
- Green (79%)
- Blue (51%)



- Red (9%)
- Yellow (53%)
- Blue (79%)



- Cyan (88%)
- Magenta (0%)
- Yellow (36%)
- Black (21%)



- Cyan (91%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5700, -5.2110, -102.2319 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 140.5700, -5.2110, -102.2319 by changing the saturation by 10% instead.

■ 140.5700, -5.2110,
-102.2319

■ 140.5700, -5.2110,
-102.2319

■ 255.0000, 0.0000,
0.0000

■ 114.1080, -4.4902,
-100.0727

■ 202.2410, -9.4858,
-84.4034

■ 94.8220, -7.3072,
-83.1589

■ 215.0010, -1.9725,
-67.5299

■ 76.8240, -10.2662,
-67.3746

■ 227.5760, 6.1250,
-51.3712

■ 59.0540, -12.3516,
-51.7904

■ 238.2560, 8.2548,
-34.4275

■ 41.7570, -15.1632,
-36.6209

■ 247.5250, 3.6852,
-15.3694

■ 27.0020, -13.3120,
-23.6808

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 140.5700, -5.2110,
-102.2319

■ 140.5700, -5.2110,
-102.2319

■ 133.6780, -5.7573,
-113.7276

■ 147.4620, -4.6648,
-90.7362

■ 132.2540, -6.0412,
-115.9868

■ 154.3540, -4.1185,
-79.2405

■ 161.6590, -3.2829,
-67.2299

■ 168.5510, -2.7366,
-55.7342

■ 175.4430, -2.1904,
-44.2385

■ 182.3350, -1.6442,
-32.7428

■ 189.2270, -1.0979,
-21.2471

■ 196.4180, -0.6991,
-9.1366

■ 203.4240, 0.2840,
2.2592

Harmonies

Analogous

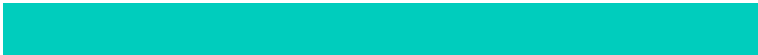
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.7760, -40.8086, -24.3596



140.5700, -5.2110, -102.2319



141.8810, 23.2297, -124.4296

Triad

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



140.5700, -5.2110, -102.2319



159.8570, 46.9055, -64.7726



168.7310, -28.4614, 75.6579

Complementary

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



140.5700, -5.2110, -102.2319



85.4300, 5.2110, 102.2319

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.



168.5440, -1.2542, 75.8219



140.5700, -5.2110, -102.2319



179.8440, 37.0519, 15.9228

Square

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



140.5700, -5.2110, -102.2319



143.5350, 54.9522, -125.8802



180.3250, 21.0388, 65.4900



173.5680, -51.5520, 61.7689

Rectangle

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



140.5700, -5.2110, -102.2319



146.3270, 40.2648, -128.3288



180.3250, 21.0388, 65.4900



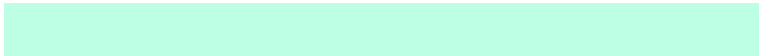
167.1470, -19.2995, 77.0471

Sweetspot

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



140.5700, -5.2110, -102.2319



232.1880, -2.0647, -37.8759



150.6120, -62.4197, -46.1407



114.2160, -1.0925, -22.9914



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.



140.5700, -5.2110, -102.2319



167.0130, -7.4014, -146.4704



139.9730, 30.5793, -101.7083



98.5540, -0.2731, -5.7479



108.7280, -4.7959, -95.3545



24.9280, -0.9505, -21.8619

Inverse Universe

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



85.4300, 5.2110, 102.2319



87.9870, 7.4014, 146.4704



86.0270, -30.5793, 101.7083



95.4460, 0.2731, 5.7479



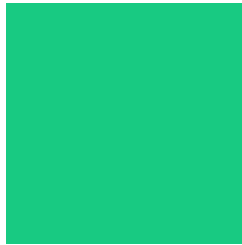
57.2720, 4.7959, 95.3545



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 140.5700, -5.2110, -102.2319 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 140.5700, -5.2110, -102.2319 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 140.5700, -5.2110, -102.2319 Background



This preview shows how black text looks on a background with the YUV color 140.5700, -5.2110, -102.2319.

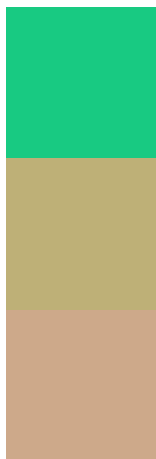


This preview shows how white text looks on a background with the YUV color 140.5700, -5.2110, -102.2319.

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

140.5700, -5.2110, -102.2319

Protanopia

173.6880, -26.9612, 14.3056

Deuteranopia

176.2300, -18.8474, 25.2313



Tritanopia

158.5420, 24.3828, -74.1433

Trichromacy



Original Color

140.5700, -5.2110, -102.2319



Protanomaly

161.4870, -18.9741, -27.6141



Deuteranomaly

163.1980, -13.9016, -21.2216



Tritanomaly

152.3160, 13.6482, -84.4691

Monochromacy



Original Color

140.5700, -5.2110, -102.2319



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.6010, -1.7753, -37.3611

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5700, -5.2110, -102.2319 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(24, 202, 130)` looks like.

```
.text, #text, p{  
    color:rgb(24, 202, 130)  
}
```

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(24, 202, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 202, 130) }
```

Border

The CSS property to change the border of an element to YUV 140.5700, -5.2110, -102.2319 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(24, 202, 130) }
```


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

```
.border{ border-color:rgb(24, 202, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 202, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 202, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 202, 130);  
box-shadow:4px 4px 4px 4px rgb(24, 202,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 140.5700, -5.2110, -102.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 202, 130) }
```

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

```
.background{ background-color: rgb(24, 202,  
130) }
```

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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