

Converting Colors

YUV(135.3700, -8.5634,
-100.3025)

Have a look what the booklet for
YUV(135.3700, -8.5634, -100.3025)
contains.

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Color

**YUV(135.3700, -8.5634,
-100.3025)**

Conversions

Conversions Part 1

Format	Color
Hex	15C576
RGB	21, 197, 118
RGB Percent	8%, 77%, 46%
CMY	0.9176, 0.2275, 0.5373
CMYK	0.89, 0.00, 0.40, 0.23
HSL	153°, 81%, 43%
HSV	153°, 89%, 77%
XYZ	23.5455, 41.3999, 23.8896
YIQ	135.3700, -79.5370, -61.8810

Conversions

Conversions Part 2

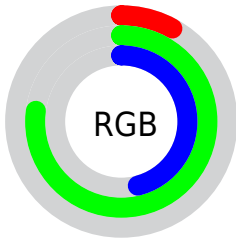
Format	Color
RYB	21, 134, 197
Decimal	1426806
CIELab	70.46, -58.63, 28.43
CIELCh	70, 65.161, 154.128
Yxy	41.3999, 0.2650, 0.4660
Android (android.graphics.Color)	4279616886 (0xFF15C576)
YUV	135.3700, -8.5634, -100.3025
Hunter-Lab	64.3428, -47.2798, 23.0264

Details

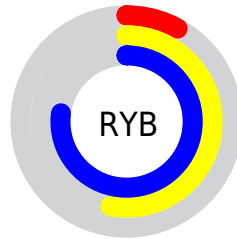
The YUV color **135.3700, -8.5634, -100.3025** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **82.6300, 8.5634, 100.3025**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2750, -14.4326, -84.4332**, and **91.1060, -11.3913, -79.9000** is the 20% darker color. If you saturate the color by 10%, you get **128.3640, -9.5465, -111.6982**, and if you desaturate by 10%, it is **142.3760, -7.5804, -88.9068**.

Distribution



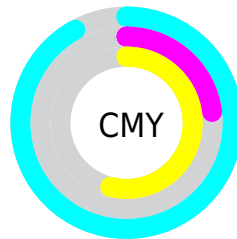
- Red (8%)
- Green (77%)
- Blue (46%)



- Red (8%)
- Yellow (53%)
- Blue (77%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3700, -8.5634, -100.3025 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 135.3700, -8.5634, -100.3025 by changing the saturation by 10% instead.


 135.3700, -8.5634,
-100.3025


 135.3700, -8.5634,
-100.3025


255.0000, 0.0000,
0.0000


 109.8050, -8.2849,
-96.2990


 200.2750,
-14.4326, -84.4332

 91.1060, -11.3913,
-79.9000


 212.9210, -7.3561,
-67.4597

 72.6350, -13.6241,
-63.7009


 225.1970, 0.8889,
-51.9158

 54.7510, -16.1462,
-48.0166

 237.6580, 8.5496,
-35.6571

 37.5680, -18.5210,
-32.9471

 246.6280, 4.1274,
-17.2138

 24.0670, -11.8650,
-21.1068

 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 135.3700, -8.5634,
-100.3025

■ 135.3700, -8.5634,
-100.3025

■ 128.3640, -9.5465,
-111.6982

■ 142.3760, -7.5804,
-88.9068

■ 128.0650, -9.3990,
-112.3130

■ 149.0830, -6.4499,
-78.1258

■ 156.0890, -5.4669,
-66.7301

■ 162.9810, -4.9206,
-55.2343

■ 169.9870, -3.9376,
-43.8386

■ 176.6940, -2.8071,
-33.0576

■ 183.7000, -1.8241,
-21.6619

■ 190.7060, -0.8411,
-10.2662

■ 197.4130, 0.2894,
0.5148

Harmonies

Analogous

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



158.3590, -45.0400, -20.4858



135.3700, -8.5634, -100.3025



138.3930, 20.0193, -121.3707

Triad

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



135.3700, -8.5634, -100.3025



144.6410, 54.4070, -90.8932



163.2200, -26.7305, 80.4911

Complementary

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



135.3700, -8.5634, -100.3025



82.6300, 8.5634, 100.3025

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.



163.3750, 1.7871, 80.3551



135.3700, -8.5634, -100.3025



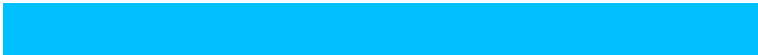
174.1960, 39.8364, 9.4751

Square

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



135.3700, -8.5634, -100.3025



141.7740, 55.8204, -124.3358



175.8350, 24.2383, 65.9197



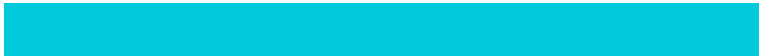
168.1880, -51.8577, 66.4871

Rectangle

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



135.3700, -8.5634, -100.3025



142.9530, 37.4912, -125.3698



175.8350, 24.2383, 65.9197



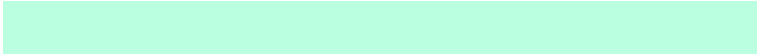
161.7500, -17.1318, 81.7802

Sweetspot

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



135.3700, -8.5634, -100.3025



230.8350, -3.3697, -39.3203



147.9330, -62.5780, -42.0372



113.5750, -2.2555, -23.3063



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.



135.3700, -8.5634, -100.3025



165.7590, -12.2062, -145.3706



139.0930, 28.5482, -103.5676



95.8530, -0.4205, -5.1331



105.9410, -7.8589, -92.9103



23.4120, -1.6821, -20.5323

Inverse Universe

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



82.6300, 8.5634, 100.3025



89.2410, 12.2062, 145.3706



78.9070, -28.5482, 103.5676



93.1470, 0.4205, 5.1331



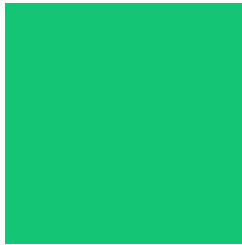
57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 135.3700, -8.5634, -100.3025 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 135.3700, -8.5634, -100.3025 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 135.3700, -8.5634, -100.3025 Background



This preview shows how black text looks on a background with the YUV color 135.3700, -8.5634, -100.3025.



This preview shows how white text looks on a background with the YUV color 135.3700, -8.5634, -100.3025.

-100.3025.

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

135.3700, -8.5634, -100.3025

Protanopia

168.3030, -29.7294, 15.5203

Deuteranopia

171.0300, -22.1998, 27.1607



Tritanopia

154.9230, 23.2090, -70.9695

Trichromacy



Original Color

135.3700, -8.5634, -100.3025



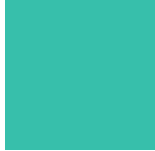
Protanomaly

156.1020, -21.7423, -26.3995



Deuteranomaly

157.9980, -17.2540, -19.2922



Tritanomaly

148.0560, 11.3114, -81.6101

Monochromacy



Original Color

135.3700, -8.5634, -100.3025



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.5580, -3.2331, -36.4464

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3700, -8.5634, -100.3025 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(21, 197, 118)` looks like.

```
.text, #text, p{  
    color:rgb(21, 197, 118)  
}
```

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(21, 197, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 197, 118) }
```

Border

The CSS property to change the border of an element to YUV 135.3700, -8.5634, -100.3025 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(21, 197, 118) }
```


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

```
.border{ border-color:rgb(21, 197, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 197, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 197, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 197, 118);  
box-shadow:4px 4px 4px 4px rgb(21, 197,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 135.3700, -8.5634, -100.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 197, 118) }
```

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

```
.background{ background-color: rgb(21, 197,  
118) }
```

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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