

Converting Colors

YUV(159.1760, -14.3838,
-100.1324)

Have a look what the booklet for
YUV(159.1760, -14.3838, -100.1324)
contains.

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Color

**YUV(159.1760, -14.3838,
-100.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	2DDF82
RGB	45, 223, 130
RGB Percent	18%, 87%, 51%
CMY	0.8235, 0.1255, 0.4902
CMYK	0.80, 0.00, 0.42, 0.13
HSL	149°, 74%, 53%
HSV	149°, 80%, 87%
XYZ	31.4991, 54.9449, 30.0644
YIQ	159.1760, -76.2350, -66.6590

Conversions

Conversions Part 2

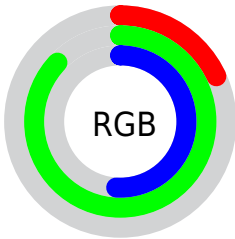
Format	Color
RYB	45, 165, 223
Decimal	3006338
CIELab	79.01, -63.51, 33.57
CIElCh	79, 71.841, 152.138
Yxy	54.9449, 0.2704, 0.4716
Android (android.graphics.Color)	4281196418 (0xFF2DDF82)
YUV	159.1760, -14.3838, -100.1324
Hunter-Lab	74.1249, -53.8655, 27.8399

Details

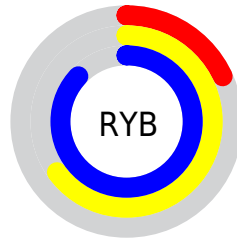
The YUV color **159.1760, -14.3838, -100.1324** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **108.8240, 14.3838, 100.1324**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5410, -11.1127, -75.8965**, and **106.4480, -13.5319, -93.3549** is the 20% darker color. If you saturate the color by 10%, you get **151.2300, -16.3824, -112.4577**, and if you desaturate by 10%, it is **167.1220, -12.3851, -87.8070**.

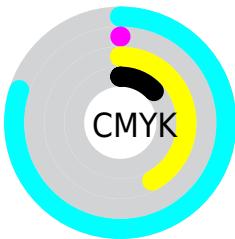
Distribution



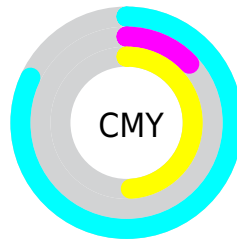
- Red (18%)
- Green (87%)
- Blue (51%)



- Red (18%)
- Yellow (65%)
- Blue (87%)



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)



- Cyan (82%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1760, -14.3838, -100.1324 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 159.1760, -14.3838, -100.1324 by changing the saturation by 10% instead.

■ 159.1760,
-14.3838, -100.1324

■ 159.1760,
-14.3838, -100.1324

■ 255.0000, 0.0000,
0.0000

■ 125.7340,
-10.7149, -110.2687

■ 206.5410,
-11.1127, -75.8965

■ 106.4480,
-13.5319, -93.3549

■ 219.3010, -3.5994,
-59.0230

■ 87.8630, -16.2015,
-77.0559

■ 231.7620, 4.0613,
-42.7643

■ 69.2780, -18.8711,
-60.7568

■ 242.7410, 6.0437,
-25.2059

■ 50.9380, -23.1404,
-44.6726

■ 252.0100, 1.4741,
-6.1478

■ 35.8070, -17.6529,
-31.4027

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 159.1760,
-14.3838, -100.1324

■ 159.1760,
-14.3838, -100.1324

■ 151.2300,
-16.3824, -112.4577

■ 167.1220,
-12.3851, -87.8070

■ 143.0990,
-17.7968, -125.4978

■ 175.2530,
-10.9707, -74.7669


■ 142.9850,
-18.2336, -125.3978


■ 183.1990, -8.9721,
-62.4415


■ 191.1450, -6.9735,
-50.1162

■ 199.2760, -5.5591,
-37.0761

 207.2220, -3.5604,
-24.7507

 215.1680, -1.5618,
-12.4253

 223.0000, 0.0000,
0.0000

 231.2450, 1.8512,
12.9401

Harmonies

Analogous

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



180.0080, -52.7549, -19.3010



159.1760, -14.3838, -100.1324



156.5220, 20.9417, -137.2698

Triad

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



159.1760, -14.3838, -100.1324



147.6440, 52.9265, -129.4838



174.7780, -23.0616, 70.3547

Complementary

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



159.1760, -14.3838, -100.1324



108.8240, 14.3838, 100.1324

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.



176.4320, 8.6610, 68.9041



159.1760, -14.3838, -100.1324



193.0790, 30.5271, 8.7007

Square

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



159.1760, -14.3838, -100.1324



157.6230, 48.0069, -138.2354



192.1910, 30.9648, 55.0835



183.9980, -53.7360, 62.2688

Rectangle

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



159.1760, -14.3838, -100.1324



161.6520, 40.5976, -141.7688



192.1910, 30.9648, 55.0835



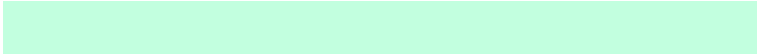
173.6500, -12.1524, 71.3440

Sweetspot

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



159.1760, -14.3838, -100.1324



233.1130, -4.9857, -34.3021



177.8910, -65.5153, -33.2304



114.6570, -3.2819, -20.7472



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.



159.1760, -14.3838, -100.1324



167.1530, -19.7954, -137.8232



169.0940, 23.6177, -108.8304



108.0270, -0.9993, -6.1627



112.8880, -14.2418, -99.0028



30.7980, -3.8444, -27.0098

Inverse Universe

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



108.8240, 14.3838, 100.1324



97.8470, 19.7954, 137.8232



98.9060, -23.6177, 108.8304



104.9730, 0.9993, 6.1627



63.1120, 14.2418, 99.0028



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 159.1760, -14.3838, -100.1324 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 159.1760, -14.3838, -100.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

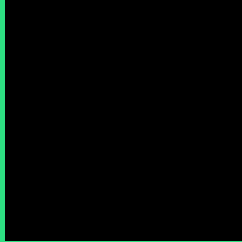
Any Text WCAG AA ✓ Pass

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 159.1760, -14.3838, -100.1324 Background



This preview shows how black text looks on a background with the YUV color 159.1760, -14.3838, -100.1324.



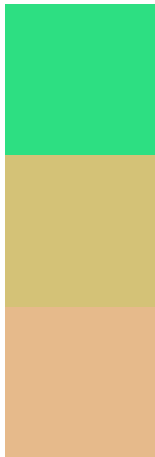
This preview shows how white text looks on a background with the YUV color 159.1760, -14.3838, -100.1324.

-100.1324.

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

159.1760, -14.3838, -100.1324

Protanopia

190.8320, -35.4132, 18.5643

Deuteranopia

193.7980, -27.0154, 31.7492



Tritanopia

177.1720, 25.5512, -75.5728

Trichromacy



Original Color

159.1760, -14.3838, -100.1324



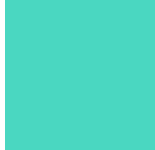
Protanomaly

179.5060, -27.8575, -24.9998



Deuteranomaly

181.0540, -22.2116, -15.8334



Tritanomaly

170.3330, 11.1748, -84.4840

Monochromacy



Original Color

159.1760, -14.3838, -100.1324



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.9880, -5.4171, -35.9465

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1760, -14.3838, -100.1324 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(45, 223, 130)` looks like.

```
.text, #text, p{  
    color:rgb(45, 223, 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(45, 223, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 223, 130) }
```

Border

The CSS property to change the border of an element to YUV 159.1760, -14.3838, -100.1324 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(45, 223, 130) }
```


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

```
.border{ border-color:rgb(45, 223, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 223, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 223, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 223, 130);  
box-shadow:4px 4px 4px 4px rgb(45, 223,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 159.1760, -14.3838, -100.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 223, 130) }
```

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

```
.background{ background-color: rgb(45, 223,  
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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