

Converting Colors

YUV(159.0300, -12.8328,
-84.2183)

Have a look what the booklet for
YUV(159.0300, -12.8328, -84.2183)
contains.

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Color

**YUV(159.0300, -12.8328,
-84.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	3FD585
RGB	63, 213, 133
RGB Percent	25%, 84%, 52%
CMY	0.7529, 0.1647, 0.4784
CMYK	0.70, 0.00, 0.38, 0.16
HSL	148°, 64%, 54%
HSV	148°, 70%, 84%
XYZ	30.0778, 50.3387, 30.3214
YIQ	159.0300, -63.7200, -56.6800

Conversions

Conversions Part 2

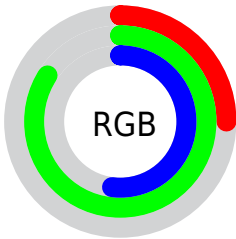
Format	Color
RYB	63, 165, 213
Decimal	4183429
CIELab	76.28, -57.02, 28.49
CIElCh	76, 63.741, 153.448
Yxy	50.3387, 0.2716, 0.4546
Android (android.graphics.Color)	4282373509 (0xFF3FD585)
YUV	159.0300, -12.8328, -84.2183
Hunter-Lab	70.9498, -48.4905, 24.3264

Details

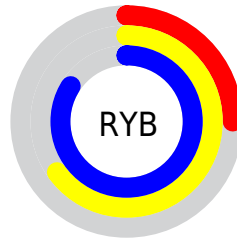
The YUV color **159.0300, -12.8328, -84.2183** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **116.9700, 12.8328, 84.2183**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5740, -11.1290, -70.6634**, and **101.5070, -9.6170, -89.0216** is the 20% darker color. If you saturate the color by 10%, you get **151.4970, -14.5420, -96.0289**, and if you desaturate by 10%, it is **166.5630, -11.1236, -72.4078**.

Distribution



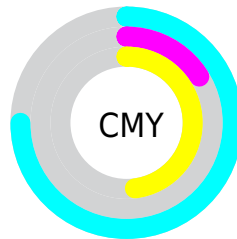
- Red (25%)
- Green (84%)
- Blue (52%)



- Red (25%)
- Yellow (65%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0300, -12.8328, -84.2183 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 159.0300, -12.8328, -84.2183 by changing the saturation by 10% instead.

■ 159.0300,
-12.8328, -84.2183

■ 159.0300,
-12.8328, -84.2183

■ 255.0000, 0.0000,
0.0000

■ 122.8860, -7.8318,
-101.6320

■ 209.5740,
-11.1290, -70.6634

■ 101.5070, -9.6170,
-89.0216

■ 221.7360, -3.3208,
-55.0195

■ 83.0360, -11.8497,
-72.8226

■ 233.8980, 4.4873,
-39.3755

■ 65.0380, -14.8087,
-57.0383

■ 244.5350, 5.1592,
-21.5172

■ 47.1540, -17.3309,
-41.3541

■ 253.5050, 0.7370,
-3.0739

■ 31.6980, -15.6271,
-27.7991

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 159.0300,
-12.8328, -84.2183

■ 159.0300,
-12.8328, -84.2183

■ 151.4970,
-14.5420, -96.0289

■ 166.5630,
-11.1236, -72.4078

■ 143.5510,
-16.5406, -108.3542

■ 174.5090, -9.1249,
-60.0824


■ 136.3170,
-18.3973, -119.5500

■ 182.0420, -7.4157,
-48.2718


■ 189.5750, -5.7065,
-36.4613

■ 197.5210, -3.7079,
-24.1359

 205.0540, -1.9986,
-12.3254

 212.7010, 0.1474,
-0.6148

 220.2340, 1.8566,
11.1958

 228.0660, 3.4185,
23.6211

Harmonies

Analogous

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



174.4840, -44.6086, -18.8415



159.0300, -12.8328, -84.2183



149.3810, 21.5042, -131.0071

Triad

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



159.0300, -12.8328, -84.2183



164.4980, 44.6175, -77.6127



175.1370, -24.2245, 70.0399

Complementary

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



159.0300, -12.8328, -84.2183



116.9700, 12.8328, 84.2183

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.



176.4660, 3.7143, 68.8743



159.0300, -12.8328, -84.2183



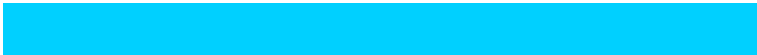
188.6600, 32.7056, 9.9452

Square

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



159.0300, -12.8328, -84.2183



151.1660, 51.1902, -132.5726



189.5350, 25.8652, 57.4128



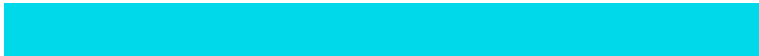
182.9210, -50.2471, 63.2133

Rectangle

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



159.0300, -12.8328, -84.2183



153.9410, 38.9761, -135.0063



189.5350, 25.8652, 57.4128



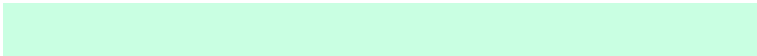
174.3680, -14.4784, 70.7143

Sweetspot

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



159.0300, -12.8328, -84.2183



235.5480, -4.7072, -30.2986



174.9700, -55.2012, -28.0377



116.4940, -2.7085, -17.9732



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.



159.0300, -12.8328, -84.2183



176.8930, -18.6812, -121.8092



167.5800, 19.9271, -91.7167



103.0270, -0.9993, -6.1627



109.4970, -14.5420, -96.0289



27.5210, -3.7079, -24.1359

Inverse Universe

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



116.9700, 12.8328, 84.2183



116.1070, 18.6812, 121.8092



108.4200, -19.9271, 91.7167



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 159.0300, -12.8328, -84.2183 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 159.0300, -12.8328, -84.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

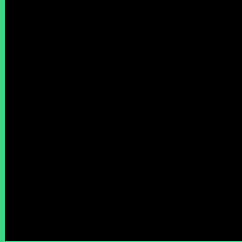
Any Text WCAG AA ✓ Pass

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 159.0300, -12.8328, -84.2183 Background



This preview shows how black text looks on a background with the YUV color 159.0300, -12.8328, -84.2183.



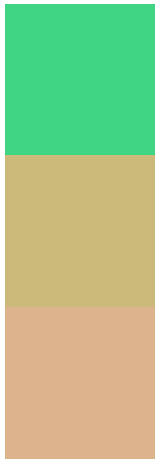
This preview shows how white text looks on a background with the YUV color 159.0300, -12.8328, -84.2183.

-84.2183.

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

159.0300, -12.8328, -84.2183

Protanopia

183.7870, -30.4610, 16.8498

Deuteranopia

186.9270, -22.6420, 29.0050



Tritanopia

172.8310, 22.7613, -67.3808

Trichromacy



Original Color

159.0300, -12.8328, -84.2183



Protanomaly

174.8640, -24.0900, -20.0517



Deuteranomaly

176.5860, -19.0229, -11.9149



Tritanomaly

168.0570, 9.8319, -73.7180

Monochromacy



Original Color

159.0300, -12.8328, -84.2183



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2490, -4.5598, -30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0300, -12.8328, -84.2183 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(63, 213, 133)` looks like.

```
.text, #text, p{  
    color:rgb(63, 213, 133)  
}
```

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(63, 213, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 213, 133) }
```

Border

The CSS property to change the border of an element to YUV 159.0300, -12.8328, -84.2183 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(63, 213, 133) }
```


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

```
.border{ border-color:rgb(63, 213, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 213, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 213, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 213, 133);  
box-shadow:4px 4px 4px 4px rgb(63, 213,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 159.0300, -12.8328, -84.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 213, 133) }
```

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

```
.background{ background-color: rgb(63, 213,  
133) }
```

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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