

Converting Colors

YUV(158.9590, -11.8118,
-85.0330)

Have a look what the booklet for
YUV(158.9590, -11.8118, -85.0330)
contains.

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Color

**YUV(158.9590, -11.8118,
-85.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	3ED587
RGB	62, 213, 135
RGB Percent	24%, 84%, 53%
CMY	0.7569, 0.1647, 0.4706
CMYK	0.71, 0.00, 0.37, 0.16
HSL	149°, 64%, 54%
HSV	149°, 71%, 84%
XYZ	30.1540, 50.3619, 31.0532
YIQ	158.9590, -64.9580, -56.2700

Conversions

Conversions Part 2

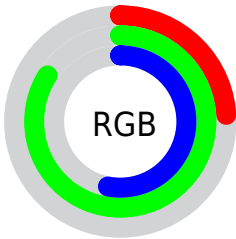
Format	Color
RYB	62, 164, 213
Decimal	4117895
CIELab	76.29, -56.79, 27.47
CIELCh	76, 63.088, 154.183
Yxy	50.3619, 0.2703, 0.4514
Android (android.graphics.Color)	4282307975 (0xFF3ED587)
YUV	158.9590, -11.8118, -85.0330
Hunter-Lab	70.9661, -48.3447, 23.7323

Details

The YUV color **158.9590, -11.8118, -85.0330** 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 **116.0410, 11.8118, 85.0330**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5030, -10.1080, -71.4781**, and **101.7350, -8.7434, -89.2216** is the 20% darker color. If you saturate the color by 10%, you get **151.4260, -13.5210, -96.8436**, and if you desaturate by 10%, it is **166.4920, -10.1026, -73.2225**.

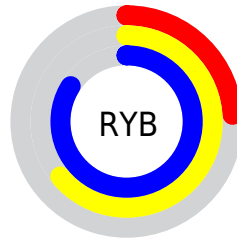
Distribution



Red (24%)

Green (84%)

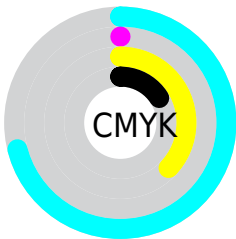
Blue (53%)



Red (24%)

Yellow (64%)

Blue (84%)

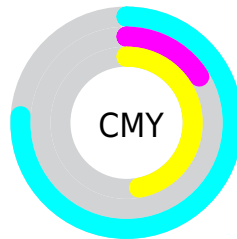


Cyan (71%)

Magenta (0%)

Yellow (37%)

Black (16%)



Cyan (76%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9590, -11.8118, -85.0330 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 158.9590, -11.8118, -85.0330 by changing the saturation by 10% instead.

■ 158.9590,
-11.8118, -85.0330

■ 158.9590,
-11.8118, -85.0330

■ 255.0000, 0.0000,
0.0000

■ 122.2170, -6.5160,
-103.6763

■ 209.5030,
-10.1080, -71.4781

■ 101.7350, -8.7434,
-89.2216

■ 221.6650, -2.2998,
-55.8342

■ 83.1500, -11.4130,
-72.9226

■ 234.1260, 5.3609,
-39.5755

■ 65.2660, -13.9351,
-57.2383

■ 244.2360, 5.3067,
-22.1320

■ 47.3820, -16.4573,
-41.5540

■ 253.5050, 0.7370,
-3.0739

■ 31.6980, -15.6271,
-27.7991

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 158.9590,
-11.8118, -85.0330

■ 158.9590,
-11.8118, -85.0330

■ 151.4260,
-13.5210, -96.8436

■ 166.4920,
-10.1026, -73.2225

■ 143.5940,
-15.0828, -109.2689

■ 174.3240, -8.5407,
-60.7971

■ 136.7730,
-16.6501, -119.9499

■ 181.8570, -6.8315,
-48.9866

■ 189.3900, -5.1223,
-37.1760

■ 197.2220, -3.5604,
-24.7507

■ 204.7550, -1.8512,
-12.9401

■ 212.2880, -0.1420,
-1.1296

■ 219.8210, 1.5672,
10.6810

■ 227.6530, 3.1291,
23.1063

Harmonies

Analogous

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



175.0000, -43.8770, -20.1710



158.9590, -11.8118, -85.0330



149.6090, 22.3778, -131.2071

Triad

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



158.9590, -11.8118, -85.0330



166.8900, 43.4382, -72.6945



175.7240, -24.5139, 69.5251

Complementary

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



158.9590, -11.8118, -85.0330



116.0410, 11.8118, 85.0330

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.



176.8250, 2.5513, 68.5595



158.9590, -11.8118, -85.0330



188.6710, 32.7002, 11.6895

Square

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



158.9590, -11.8118, -85.0330



151.1660, 51.1902, -132.5726



189.3070, 24.9916, 57.6128



183.6220, -50.0996, 62.5985

Rectangle

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



158.9590, -11.8118, -85.0330



153.4680, 39.7023, -134.5914



189.3070, 24.9916, 57.6128



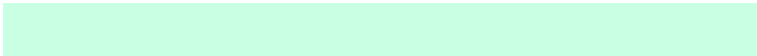
174.8410, -15.2046, 70.2994

Sweetspot

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



158.9590, -11.8118, -85.0330



235.6620, -4.2704, -30.3986



173.9590, -55.1958, -29.7820



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.



158.9590, -11.8118, -85.0330



177.3490, -16.9341, -122.2091



167.5090, 20.9481, -92.5314



103.1410, -0.5625, -6.2627



109.8390, -13.2316, -96.3288



27.6350, -3.2711, -24.2359

Inverse Universe

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



116.0410, 11.8118, 85.0330



115.6510, 16.9341, 122.2091



107.4910, -20.9481, 92.5314



99.9730, 0.9993, 6.1627



61.1610, 13.2316, 96.3288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 158.9590, -11.8118, -85.0330 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 158.9590, -11.8118, -85.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

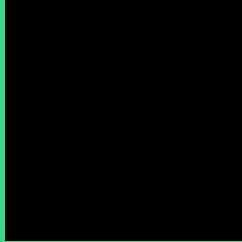
Any Text WCAG AA ✓ Pass

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 158.9590, -11.8118, -85.0330 Background



This preview shows how black text looks on a background with the YUV color 158.9590, -11.8118, -85.0330.



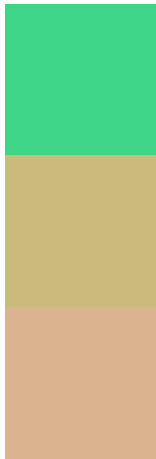
This preview shows how white text looks on a background with the YUV color 158.9590, -11.8118, -85.0330.

-85.0330.

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

158.9590, -11.8118, -85.0330

Protanopia

183.7160, -29.4400, 16.0351

Deuteranopia

186.8560, -21.6210, 28.1903



Tritanopia

172.5320, 22.9087, -67.9956

Trichromacy



Original Color

158.9590, -11.8118, -85.0330



Protanomaly

174.7930, -23.0689, -20.8665



Deuteranomaly

176.5150, -18.0019, -12.7297



Tritanomaly

167.7580, 9.9793, -74.3328

Monochromacy



Original Color

158.9590, -11.8118, -85.0330



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 158.9590, -11.8118, -85.0330 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(62, 213, 135)` looks like.

```
.text, #text, p{  
    color:rgb(62, 213, 135)  
}
```

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(62, 213, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 213, 135) }
```

Border

The CSS property to change the border of an element to YUV 158.9590, -11.8118, -85.0330 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(62, 213, 135) }
```


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

```
.border{ border-color:rgb(62, 213, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 213, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(62, 213, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(62, 213, 135); box-shadow:4px 4px 4px 4px rgb(62, 213, 135) }
```

Background

The CSS property to change the background color of an element to YUV 158.9590, -11.8118, -85.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 213, 135) }
```

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

```
.background{ background-color: rgb(62, 213,  
135) }
```

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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