

Converting Colors

YUV(186.6650, -15.6108,
-33.0322)

Have a look what the booklet for
YUV(186.6650, -15.6108, -33.0322)
contains.

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Color

**YUV(186.6650, -15.6108,
-33.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	95D49B
RGB	149, 212, 155
RGB Percent	58%, 83%, 61%
CMY	0.4157, 0.1686, 0.3922
CMYK	0.30, 0.00, 0.27, 0.17
HSL	126°, 42%, 71%
HSV	126°, 30%, 83%
XYZ	41.8543, 55.8431, 39.5832
YIQ	186.6650, -19.2510, -31.0830

Conversions

Conversions Part 2

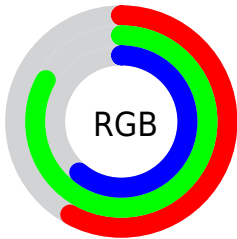
Format	Color
RYB	149, 207, 212
Decimal	9819291
CIELab	79.52, -31.35, 21.96
CIELCh	80, 38.271, 144.990
Yxy	55.8431, 0.3049, 0.4068
Android (android.graphics.Color)	4288009371 (0xFF95D49B)
YUV	186.6650, -15.6108, -33.0322
Hunter-Lab	74.7282, -30.7989, 20.9041

Details

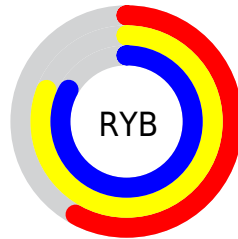
The YUV color **186.6650, -15.6108, -33.0322** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.3350, 15.6108, 33.0322**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6210, -12.1382, -26.8546**, and **132.6050, -14.5953, -32.1026** is the 20% darker color. If you saturate the color by 10%, you get **178.2200, -20.8145, -44.0429**, and if you desaturate by 10%, it is **195.1100, -10.4072, -22.0215**.

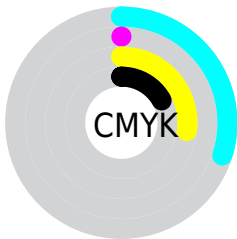
Distribution



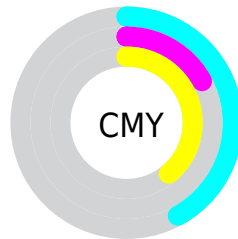
- Red (58%)
- Green (83%)
- Blue (61%)



- Red (58%)
- Yellow (81%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (42%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6650, -15.6108, -33.0322 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 186.6650, -15.6108, -33.0322 by changing the saturation by 10% instead.

■ 186.6650,
-15.6108, -33.0322

■ 186.6650,
-15.6108, -33.0322

255.0000, 0.0000,
0.0000

■ 159.1920,
-14.8847, -32.6174

■ 234.6210,
-12.1382, -26.8546

■ 132.6050,
-14.5953, -32.1026

■ 246.4840, -4.1826,
-11.8255

■ 106.8330,
-13.7217, -32.3025

■ 81.4740, -12.5587,
-31.9877

■ 56.0930, -11.3848,
-35.1616

■ 34.8270, -11.2537,
-30.5433

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 186.6650,
-15.6108, -33.0322

■ 186.6650,
-15.6108, -33.0322

■ 178.2200,
-20.8145, -44.0429

■ 195.1100,
-10.4072, -22.0215

■ 169.7750,
-26.0181, -55.0537

■ 203.5550, -5.2036,
-11.0107

■ 160.9170,
-31.5111, -66.5792

■ 212.4130, 0.2894,
0.5148

■ 152.4720,
-36.7147, -77.5899

■ 220.8580, 5.4930,
11.5255

■ 144.0270,
-41.9183, -88.6007

■ 229.3030, 10.6966,
22.5363

■ 135.5820,
-47.1219, -99.6114

■ 229.7590, 12.4438,
22.1364

■ 127.1370,
-52.3255, -110.6221

■ 126.7240,
-52.6149, -111.1369

Harmonies

Analogous

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



191.4920, -29.8226, -1.3085



186.6650, -15.6108, -33.0322



179.8470, 5.0054, -65.6408

Triad

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



186.6650, -15.6108, -33.0322



188.9060, 32.5843, -44.6446



196.4750, -13.5452, 51.3264

Complementary

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



186.6650, -15.6108, -33.0322



174.3350, 15.6108, 33.0322

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.



199.4050, 2.7583, 48.7568



186.6650, -15.6108, -33.0322



198.3070, 27.9496, -4.6542

Square

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



186.6650, -15.6108, -33.0322



177.9290, 37.5030, -82.3757



202.4810, 17.5109, 30.2732



198.1530, -28.6694, 48.9778

Rectangle

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



186.6650, -15.6108, -33.0322



174.8090, 19.3212, -84.0245



202.4810, 17.5109, 30.2732



196.5550, -8.1616, 51.2563

Sweetspot

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



186.6650, -15.6108, -33.0322



245.7290, -5.7824, -12.0403



203.3230, -26.7812, 3.2247



122.0330, -3.4673, -7.9219



0.0000, 0.0000, 0.0000



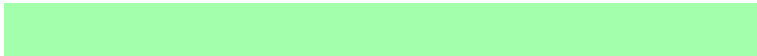
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.6650, -15.6108, -33.0322



218.0300, -22.6928, -48.2613



190.1990, -2.0701, -36.1315



102.5710, -2.7465, -5.7628



102.2010, -42.4971, -89.6303



25.6970, -10.6966, -22.5363

Inverse Universe

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



174.3350, 15.6108, 33.0322



199.9700, 22.6928, 48.2613



170.8010, 2.0701, 36.1315



100.4290, 2.7465, 5.7628



68.7990, 42.4971, 89.6303



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 186.6650, -15.6108, -33.0322 looks on a white background.

Color Contrast Check

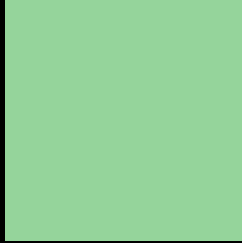
Large Text (above 18pt) WCAG AA × Fail

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 186.6650, -15.6108, -33.0322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

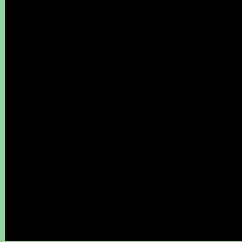
Any Text WCAG AA ✓ Pass

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 186.6650, -15.6108, -33.0322 Background



This preview shows how black text looks on a background with the YUV color 186.6650, -15.6108, -33.0322.



This preview shows how white text looks on a background with the YUV color 186.6650, -15.6108, -33.0322.

-33.0322.

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

186.6650, -15.6108, -33.0322

Protanopia

194.7140, -23.0300, 13.4058

Deuteranopia

197.3550, -18.4160, 26.8757



Tritanopia

192.9670, 13.3273, -28.0351

Trichromacy



Original Color

186.6650, -15.6108, -33.0322

Protanomaly

192.0000, -20.2130, -3.5080

Deuteranomaly

193.1520, -17.3299, 5.1287

Tritanomaly

190.7960, 2.5656, -29.6391

Monochromacy



Original Color

186.6650, -15.6108, -33.0322

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7290, -5.7824, -12.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6650, -15.6108, -33.0322 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(149, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 212, 155)  
}
```

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(149, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 212, 155) }
```

Border

The CSS property to change the border of an element to YUV 186.6650, -15.6108, -33.0322 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(149, 212, 155) }
```


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

```
.border{ border-color:rgb(149, 212, 155) }
```

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

Here you see how a box with a 4 pixel rgb(149, 212, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 212,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 186.6650, -15.6108, -33.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 212, 155) }
```

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

```
.background{ background-color: rgb(149,  
212, 155) }
```

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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