

Converting Colors

YUV(184.8120, -15.6833,
-103.3211)

Have a look what the booklet for
YUV(184.8120, -15.6833, -103.3211)
contains.

YUV(184.8120, -15.6833, -103.3211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(184.8120, -15.6833,
-103.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	43FB99
RGB	67, 251, 153
RGB Percent	26%, 98%, 60%
CMY	0.7373, 0.0157, 0.4000
CMYK	0.73, 0.00, 0.39, 0.02
HSL	148°, 96%, 62%
HSV	148°, 73%, 98%
XYZ	42.5617, 72.4876, 41.8853
YIQ	184.8120, -78.2060, -69.4860

Conversions

Conversions Part 2

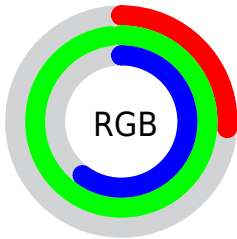
Format	Color
RYB	67, 192, 251
Decimal	4455321
CIELab	88.20, -66.62, 34.20
CIELCh	88, 74.889, 152.823
Yxy	72.4876, 0.2712, 0.4619
Android (android.graphics.Color)	4282645401 (0xFF43FB99)
YUV	184.8120, -15.6833, -103.3211
Hunter-Lab	85.1396, -59.7614, 30.4295

Details

The YUV color **184.8120, -15.6833, -103.3211** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **133.1880, 15.6833, 103.3211**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6590, -3.2829, -67.2299**, and **124.8050, -11.7359, -109.4540** is the 20% darker color. If you saturate the color by 10%, you get **175.8550, -17.6765, -117.3908**, and if you desaturate by 10%, it is **193.7690, -13.6901, -89.2514**.

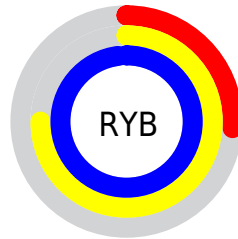
Distribution



Red (26%)

Green (98%)

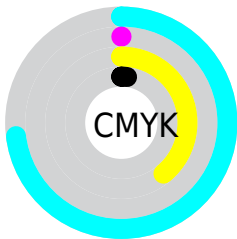
Blue (60%)



Red (26%)

Yellow (75%)

Blue (98%)

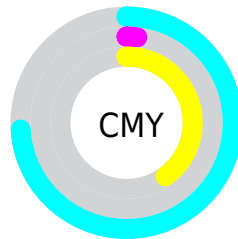


Cyan (73%)

Magenta (0%)

Yellow (39%)

Black (2%)



Cyan (74%)

Magenta (2%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8120, -15.6833, -103.3211 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 184.8120, -15.6833, -103.3211 by changing the saturation by 10% instead.

■ 184.8120,
-15.6833, -103.3211

■ 184.8120,
-15.6833, -103.3211

255.0000, 0.0000,
0.0000

■ 144.7920, -8.7715,
-126.9826

■ 214.6590, -3.2829,
-67.2299

■ 124.8050,
-11.7359, -109.4540

■ 227.5330, 4.6672,
-50.4564

■ 105.5190,
-14.5529, -92.5402

■ 239.1530, 7.8126,
-32.5832

■ 86.9340, -17.2225,
-76.2411

■ 248.4220, 3.2430,
-13.5251

■ 68.2350, -20.3289,
-59.8421

■ 50.0090, -24.1614,
-43.8579

■ 35.2200, -17.3635,

-30.8879

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 184.8120,
-15.6833, -103.3211

■ 184.8120,
-15.6833, -103.3211

■ 175.8550,
-17.6765, -117.3908

■ 193.7690,
-13.6901, -89.2514

■ 166.7840,
-20.1065, -131.3606

■ 202.8400,
-11.2601, -75.2817

■ 160.6750,
-21.5318, -140.9120

■ 211.7970, -9.2669,
-61.2120

■ 220.7540, -7.2737,
-47.1423

■ 230.1240, -4.9911,
-32.5577

■ 239.0810, -2.9979,
-18.4880

■ 248.1520, -0.5679,
-4.5183

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



204.7150, -55.0755, -21.6751



184.8120, -15.6833, -103.3211



175.4490, 24.9216, -153.8688

Triad

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



184.8120, -15.6833, -103.3211



182.3520, 35.8155, -101.1637



191.1460, -21.2710, 56.0000

Complementary

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



184.8120, -15.6833, -103.3211



133.1880, 15.6833, 103.3211

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.



192.5550, 12.0514, 54.7643



184.8120, -15.6833, -103.3211



216.1370, 19.1595, 14.7889

Square

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



184.8120, -15.6833, -103.3211



173.4720, 40.1933, -152.1349



205.1050, 24.5982, 43.7579



200.0240, -53.2558, 48.2140

Rectangle

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



184.8120, -15.6833, -103.3211



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



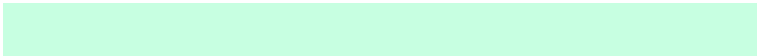
190.1320, -9.9251, 56.8892

Sweetspot

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



184.8120, -15.6833, -103.3211



234.8360, -4.8491, -31.4282



204.3100, -67.6938, -34.4749



115.7820, -2.8505, -19.1028



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.



184.8120, -15.6833, -103.3211



174.3440, -19.3966, -125.7127



195.3000, 24.5021, -112.5191



120.3150, -1.1413, -7.2923



120.9750, -16.2567, -106.0951



39.1130, -4.9857, -34.3021

Inverse Universe

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



133.1880, 15.6833, 103.3211



111.5420, 18.9598, 125.8127



122.7000, -24.5021, 112.5191



116.6850, 1.1413, 7.2923



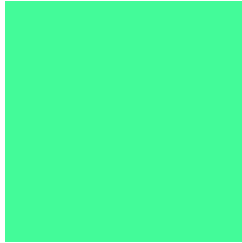
68.0250, 16.2567, 106.0951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 184.8120, -15.6833, -103.3211 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 184.8120, -15.6833, -103.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

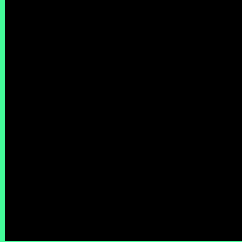
Any Text WCAG AA ✓ Pass

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 184.8120, -15.6833, -103.3211 Background



This preview shows how black text looks on a background with the YUV color 184.8120, -15.6833, -103.3211.



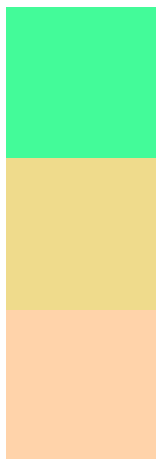
This preview shows how white text looks on a background with the YUV color 184.8120, -15.6833, -103.3211.

-103.3211.

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

184.8120, -15.6833, -103.3211

Protanopia

215.9740, -37.4552, 20.1938

Deuteranopia

219.4820, -24.3946, 31.1493



Tritanopia

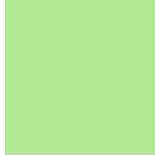
204.9660, 24.6668, -71.8842

Trichromacy



Original Color

184.8120, -15.6833, -103.3211



Protanomaly

204.7510, -29.4572, -25.2146



Deuteranomaly

207.2710, -21.3326, -17.7777



Tritanomaly

197.7030, 10.0064, -83.0545

Monochromacy



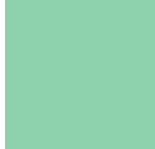
Original Color

184.8120, -15.6833, -103.3211



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.8630, -5.8485, -37.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8120, -15.6833, -103.3211 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(67, 251, 153)` looks like.

```
.text, #text, p{  
    color:rgb(67, 251, 153)  
}
```

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(67, 251, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 251, 153) }
```

Border

The CSS property to change the border of an element to YUV 184.8120, -15.6833, -103.3211 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(67, 251, 153) }
```


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

```
.border{ border-color:rgb(67, 251, 153) }
```

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

Here you see how a box with a 4 pixel rgb(67, 251, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 251, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 251, 153);  
box-shadow:4px 4px 4px 4px rgb(67, 251,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 184.8120, -15.6833, -103.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 251, 153) }
```

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

```
.background{ background-color: rgb(67, 251,  
153) }
```

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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