

Converting Colors

YUV(175.8550, -17.6765,
-117.3908)

Have a look what the booklet for
YUV(175.8550, -17.6765, -117.3908)
contains.

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Color

**YUV(175.8550, -17.6765,
-117.3908)**

Conversions

Conversions Part 1

Format	Color
Hex	2AFB8C
RGB	42, 251, 140
RGB Percent	16%, 98%, 55%
CMY	0.8353, 0.0157, 0.4510
CMYK	0.83, 0.00, 0.44, 0.02
HSL	148°, 96%, 57%
HSV	148°, 83%, 98%
XYZ	40.1856, 71.3801, 36.4707
YIQ	175.8550, -88.9330, -78.8290

Conversions

Conversions Part 2

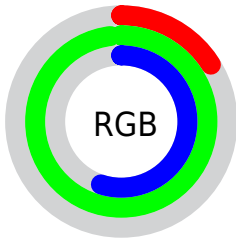
Format	Color
R _Y B	42, 184, 251
Decimal	2816908
CIE Lab	87.67, -71.58, 39.84
CIE LCh	88, 81.920, 150.897
Yxy	71.3801, 0.2715, 0.4822
Android (android.graphics.Color)	4281006988 (0xFF2AFB8C)
YUV	175.8550, -17.6765, -117.3908
Hunter-Lab	84.4867, -62.9492, 33.5468

Details

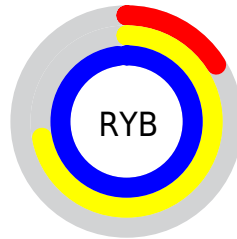
The YUV color **175.8550, -17.6765, -117.3908** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **117.1450, 17.6765, 117.3908**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2900, -7.0450, -73.9223**, and **123.3230, -17.4142, -108.1543** is the 20% darker color. If you saturate the color by 10%, you get **166.8980, -19.6697, -131.4605**, and if you desaturate by 10%, it is **184.8120, -15.6833, -103.3211**.

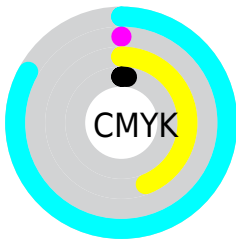
Distribution



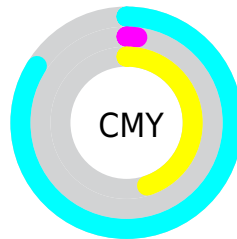
- Red (16%)
- Green (98%)
- Blue (55%)



- Red (16%)
- Yellow (72%)
- Blue (98%)



- Cyan (83%)
- Magenta (0%)
- Yellow (44%)
- Black (2%)



- Cyan (84%)
- Magenta (2%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8550, -17.6765, -117.3908 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 175.8550, -17.6765, -117.3908 by changing the saturation by 10% instead.

■ 175.8550,
-17.6765, -117.3908

■ 175.8550,
-17.6765, -117.3908

■ 255.0000, 0.0000,
0.0000

■ 143.3100,
-14.4498, -125.6829

■ 209.2900, -7.0450,
-73.9223

■ 123.3230,
-17.4142, -108.1543

■ 222.3490, 0.3209,
-56.4341

■ 104.0370,
-20.2312, -91.2404

■ 235.5220, 8.1237,
-39.0458

■ 84.7510, -23.0482,
-74.3266

■ 245.1330, 4.8644,
-20.2876

■ 65.4820, -28.3386,
-57.4277

■ 254.7010, 0.1474,
-0.6148

■ 49.3080, -24.3088,
-43.2431

■ 35.2200, -17.3635,

-30.8879

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 175.8550,
-17.6765, -117.3908

■ 175.8550,
-17.6765, -117.3908

■ 166.8980,
-19.6697, -131.4605

■ 184.8120,
-15.6833, -103.3211

■ 160.7890,
-21.0950, -141.0120


■ 193.8830,
-13.2533, -89.3514


■ 202.8400,
-11.2601, -75.2817


■ 211.7970, -9.2669,
-61.2120

 220.8680, -6.8369,
-47.2422

 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.



201.5490, -63.3747, -19.7755



175.8550, -17.6765, -117.3908



174.7650, 22.3009, -153.2689

Triad

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



175.8550, -17.6765, -117.3908



162.9060, 45.4023, -142.8686



184.2330, -19.8349, 62.0627

Complementary

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



175.8550, -17.6765, -117.3908



117.1450, 17.6765, 117.3908

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.



186.5540, 16.9819, 60.0271



175.8550, -17.6765, -117.3908



211.9730, 21.2123, 9.6707

Square

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



175.8550, -17.6765, -117.3908



174.0590, 39.9039, -152.6497



201.5830, 26.3346, 46.8467



195.1340, -56.7611, 52.5025

Rectangle

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



175.8550, -17.6765, -117.3908



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467



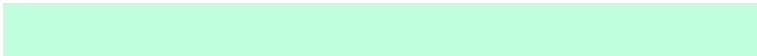
182.9740, -6.8892, 63.1668

Sweetspot

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



175.8550, -17.6765, -117.3908



231.9880, -5.4171, -35.9465



197.8720, -76.8449, -39.3527



113.9450, -3.4239, -21.8768



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.



175.8550, -17.6765, -117.3908



163.3650, -21.3789, -143.2711



187.7110, 27.7505, -127.7885



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.



117.1450, 17.6765, 117.3908



91.6350, 21.3789, 143.2711



105.2890, -27.7505, 127.7885



116.6850, 1.1413, 7.2923



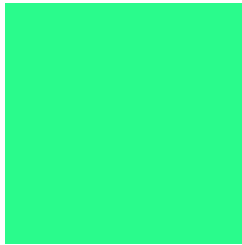
67.9110, 15.8199, 106.1951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 175.8550, -17.6765, -117.3908 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 175.8550, -17.6765, -117.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

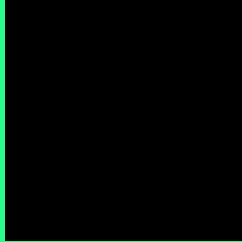
Any Text WCAG AA ✓ Pass

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 175.8550, -17.6765, -117.3908 Background



This preview shows how black text looks on a background with the YUV color 175.8550, -17.6765, -117.3908.



This preview shows how white text looks on a background with the YUV color 175.8550, -17.6765, -117.3908.

-117.3908.

Color Blindness Simulation

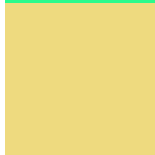
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

175.8550, -17.6765, -117.3908



Protanopia

213.6060, -42.6968, 21.3935



Deuteranopia

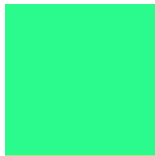
217.1680, -28.1838, 33.1787



Tritanopia

201.0790, 26.5831, -79.8763

Trichromacy



Original Color

175.8550, -17.6765, -117.3908



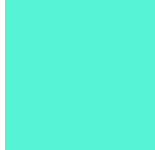
Protanomaly

199.9910, -33.5196, -28.9331



Deuteranomaly

202.1520, -24.2319, -21.1813



Tritanomaly

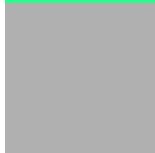
191.7510, 10.4758, -93.6206

Monochromacy



Original Color

175.8550, -17.6765, -117.3908



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.7160, -6.2690, -42.7239

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8550, -17.6765, -117.3908 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(42, 251, 140)` looks like.

```
.text, #text, p{  
    color:rgb(42, 251, 140)  
}
```

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(42, 251, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 251, 140) }
```

Border

The CSS property to change the border of an element to YUV 175.8550, -17.6765, -117.3908 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(42, 251, 140) }
```


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

```
.border{ border-color:rgb(42, 251, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 251, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 251, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 251, 140);  
box-shadow:4px 4px 4px 4px rgb(42, 251,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 175.8550, -17.6765, -117.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 251, 140) }
```

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

```
.background{ background-color: rgb(42, 251,  
140) }
```

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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