

Converting Colors

YUV(197.0700, -33.5585,
-63.2054)

Have a look what the booklet for
YUV(197.0700, -33.5585, -63.2054)
contains.

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Color

**YUV(197.0700, -33.5585,
-63.2054)**

Conversions

Conversions Part 1

Format	Color
Hex	7DF781
RGB	125, 247, 129
RGB Percent	49%, 97%, 51%
CMY	0.5098, 0.0314, 0.4941
CMYK	0.49, 0.00, 0.48, 0.03
HSL	122°, 88%, 73%
HSV	122°, 49%, 97%
XYZ	45.6807, 72.4665, 32.3487
YIQ	197.0700, -34.8340, -62.5620

Conversions

Conversions Part 2

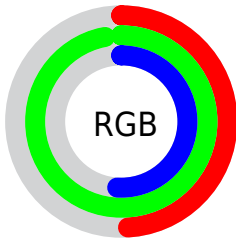
Format	Color
RYB	125, 243, 247
Decimal	8255361
CIELab	88.19, -57.45, 46.19
CIElCh	88, 73.718, 141.203
Yxy	72.4665, 0.3035, 0.4815
Android (android.graphics.Color)	4286445441 (0xFF7DF781)
YUV	197.0700, -33.5585, -63.2054
Hunter-Lab	85.1272, -53.1867, 37.0586

Details

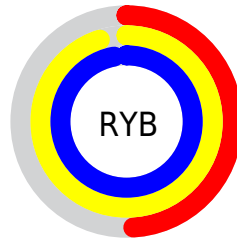
The YUV color **197.0700, -33.5585, -63.2054** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **174.9300, 33.5585, 63.2054**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6770, -20.5468, -36.5507**, and **138.8460, -30.4901, -67.3939** is the 20% darker color. If you saturate the color by 10%, you get **186.8590, -40.3565, -76.1753**, and if you desaturate by 10%, it is **207.2810, -26.7605, -50.2354**.

Distribution



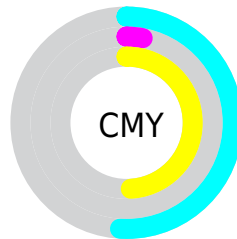
- Red (49%)
- Green (97%)
- Blue (51%)



- Red (49%)
- Yellow (95%)
- Blue (97%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0700, -33.5585, -63.2054 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 197.0700, -33.5585, -63.2054 by changing the saturation by 10% instead.

197.0700,
-33.5585, -63.2054

197.0700,
-33.5585, -63.2054

255.0000, 0.0000,
0.0000

168.1130,
-32.1007, -64.1201

225.6770,
-20.5468, -36.5507

138.8460,
-30.4901, -67.3939

237.8390,
-12.7386, -20.9068

105.9910,
-27.1106, -78.0451

250.1150, -4.4937,
-5.3629

81.8670, -29.0214,
-71.7974

63.9830, -31.5436,
-56.1131

48.7210, -24.0195,
-42.7283

34.6330, -17.0741,

-30.3731

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 197.0700,
-33.5585, -63.2054

■ 197.0700,
-33.5585, -63.2054

■ 186.8590,
-40.3565, -76.1753

■ 207.2810,
-26.7605, -50.2354

■ 176.9470,
-47.3019, -88.5305


■ 217.1930,
-19.8151, -37.8803


■ 166.7360,
-54.0998, -101.5005


■ 227.4040,
-13.0172, -24.9103

■ 156.5250,
-60.8978, -114.4704

■ 237.6150, -6.2192,
-11.9404

 146.7270,
-67.4064, -126.9256

 247.7120, 0.1420,
1.1296

 145.9010,
-67.9852, -127.9552

 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



208.9800, -63.5871, 1.7715



197.0700, -33.5585, -63.2054



171.5560, 12.5439, -150.4546

Triad

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



197.0700, -33.5585, -63.2054



167.0150, 43.3766, -146.4722



190.7020, -7.7411, 56.3893

Complementary

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



197.0700, -33.5585, -63.2054



174.9300, 33.5585, 63.2054

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.



198.0950, 23.1242, 49.9057



197.0700, -33.5585, -63.2054



209.1390, 22.6095, -18.5389

Square

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



197.0700, -33.5585, -63.2054



175.8200, 39.0357, -154.1941



212.1490, 21.1255, 37.5803



196.5480, -41.1892, 51.2624

Rectangle

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



197.0700, -33.5585, -63.2054



177.7290, 33.6576, -155.8683



212.1490, 21.1255, 37.5803



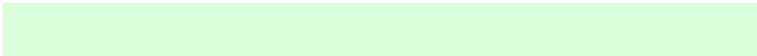
191.5630, 3.1734, 55.6342

Sweetspot

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



197.0700, -33.5585, -63.2054



239.4200, -10.5601, -19.6623



232.4940, -52.9945, 10.9678



118.5010, -6.6560, -11.8404



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.



197.0700, -33.5585, -63.2054



193.5060, -41.6615, -77.6198



203.7960, -7.7874, -69.1041



117.1580, -3.0359, -6.2776



109.8660, -51.2059, -96.3525



34.8610, -16.2005, -30.5731

Inverse Universe

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



174.9300, 33.5585, 63.2054



166.3800, 41.2247, 77.7197



168.2040, 7.7874, 69.1041



114.9560, 3.4727, 6.1776



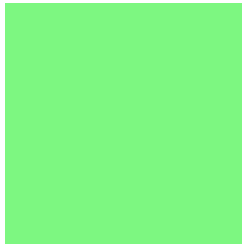
76.1340, 51.2059, 96.3525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 197.0700, -33.5585, -63.2054 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 197.0700, -33.5585, -63.2054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

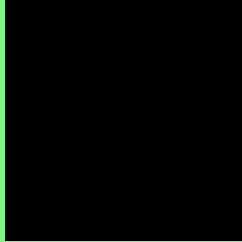
Any Text WCAG AA ✓ Pass

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 197.0700, -33.5585, -63.2054 Background



This preview shows how black text looks on a background with the YUV color 197.0700, -33.5585, -63.2054.



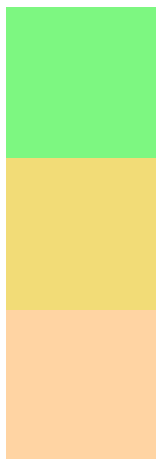
This preview shows how white text looks on a background with the YUV color 197.0700, -33.5585, -63.2054.

-63.2054.

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

197.0700, -33.5585, -63.2054

Protanopia

215.0640, -47.3596, 23.6229

Deuteranopia

219.2710, -27.7416, 31.3343



Tritanopia

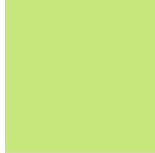
210.9470, 20.2391, -51.6965

Trichromacy



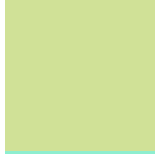
Original Color

197.0700, -33.5585, -63.2054



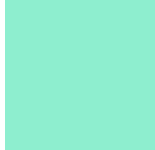
Protanomaly

208.5330, -42.1678, -8.3604



Deuteranomaly

211.4810, -29.8171, -3.0528



Tritanomaly

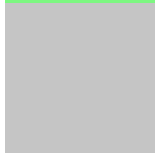
205.7620, 0.6103, -55.9193

Monochromacy



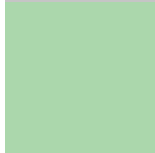
Original Color

197.0700, -33.5585, -63.2054



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.9420, -12.2964, -22.7511

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0700, -33.5585, -63.2054 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(125, 247, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 247, 129)  
}
```

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(125, 247, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 247, 129) }
```

Border

The CSS property to change the border of an element to YUV 197.0700, -33.5585, -63.2054 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(125, 247, 129) }
```


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

```
.border{ border-color:rgb(125, 247, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 247, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 247, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 247, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 247,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 197.0700, -33.5585, -63.2054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 247, 129) }
```

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

```
.background{ background-color: rgb(125,  
247, 129) }
```

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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