

Converting Colors

YUV(185.0850, 33.9751,
-117.5925)

Have a look what the booklet for
YUV(185.0850, 33.9751, -117.5925)
contains.

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Color

**YUV(185.0850, 33.9751,
-117.5925)**

Conversions

Conversions Part 1

Format	Color
Hex	33F0FE
RGB	51, 240, 254
RGB Percent	20%, 94%, 100%
CMY	0.8000, 0.0588, 0.0039
CMYK	0.80, 0.06, 0.00, 0.00
HSL	184°, 99%, 60%
HSV	184°, 80%, 100%
XYZ	50.4147, 70.1797, 104.6548
YIQ	185.0850, -117.1380, -35.7140

Conversions

Conversions Part 2

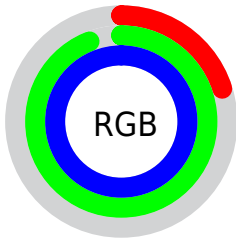
Format	Color
R _Y B	51, 149, 254
Decimal	3404030
CIE Lab	87.08, -39.59, -19.64
CIE LCh	87, 44.197, 206.389
Yxy	70.1797, 0.2238, 0.3116
Android (android.graphics.Color)	4281594110 (0xFF33F0FE)
YUV	185.0850, 33.9751, -117.5925
Hunter-Lab	83.7733, -39.1822, -15.4274

Details

The YUV color **185.0850, 33.9751, -117.5925** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **119.9150, -33.9751, 117.5925**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **129.8790, 33.0907, -113.9039** is the 20% darker color. If you saturate the color by 10%, you get **176.4360, 38.2391, -131.9324**, and if you desaturate by 10%, it is **193.7340, 29.7111, -103.2527**.

Distribution



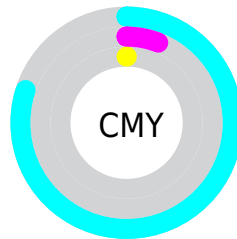
- Red (20%)
- Green (94%)
- Blue (100%)



- Red (20%)
- Yellow (58%)
- Blue (100%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.0850, 33.9751, -117.5925 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 185.0850, 33.9751, -117.5925 by changing the saturation by 10% instead.

185.0850, 33.9751,
-117.5925

185.0850, 33.9751,
-117.5925

255.0000, 0.0000,
0.0000

149.5070, 37.2180,
-131.1176

218.5220, 17.9837,
-75.0028

129.8790, 33.0907,
-113.9039

228.3890, 13.1192,
-54.7152

110.9520, 29.1107,
-97.3049

238.2560, 8.2548,
-34.4275

92.1390, 25.5675,
-80.8059

247.8240, 3.5378,
-14.7546

74.5000, 21.4455,
-65.3365

56.9750, 17.7603,
-49.9671

40.2650, 14.6594,

-35.3124

■ 25.3160, 10.6902,
-22.2021

■ 3.6650, 11.5042,
-3.2142

■ 185.0850, 33.9751,
-117.5925

■ 185.0850, 33.9751,
-117.5925

■ 176.4360, 38.2391,
-131.9324

■ 193.7340, 29.7111,
-103.2527

■ 167.4880, 42.6504,
-146.8870

■ 202.6820, 25.2998,
-88.2981

■ 210.7440, 21.3252,
-73.4435

■ 219.6920, 16.9138,
-58.4889

■ 228.3410, 12.6499,
-44.1491

■ 236.9900, 8.3859,
-29.8092

■ 245.3510, 4.2640,
-14.3398

■ 254.0000, 0.0000,
0.0000

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



196.0300, 7.3802, -80.7103



185.0850, 33.9751, -117.5925



190.0380, 32.0263, -99.1343

Triad

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



185.0850, 33.9751, -117.5925



219.1930, 17.6529, 31.4027



215.9430, -40.3979, 30.7450

Complementary

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



185.0850, 33.9751, -117.5925



119.9150, -33.9751, 117.5925

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.



210.1580, -29.6579, 39.3264



185.0850, 33.9751, -117.5925



211.0770, 6.8640, 38.5205

Square

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



185.0850, 33.9751, -117.5925



216.3370, 19.0609, -0.2955



207.4630, -12.0603, 41.6899



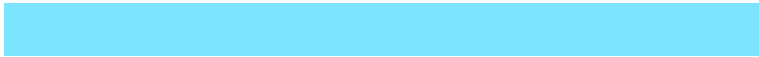
211.6290, -34.3271, -3.1826

Rectangle

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



185.0850, 33.9751, -117.5925



200.2810, 26.9765, -66.0214



207.4630, -12.0603, 41.6899



214.5460, -38.2302, 35.4782

Sweetspot

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



185.0850, 33.9751, -117.5925



234.4130, 10.1494, -35.4422



171.7570, -52.6312, -105.9039



115.1760, 6.3222, -21.2024



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.



185.0850, 33.9751, -117.5925



171.7660, 41.0344, -141.8688



125.7980, 63.2036, -65.5978



123.5260, 2.2057, -7.4773



126.2600, 31.9168, -110.7300



41.9290, 10.8810, -36.7717

Inverse Universe

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



133.2430, 52.6312, 105.9039



109.2470, 63.4752, 127.8254



179.2020, -63.2036, 65.5978



120.2550, 3.3253, 6.7924



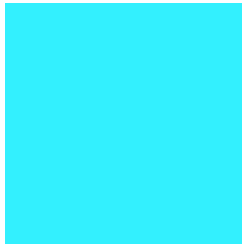
77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 185.0850, 33.9751, -117.5925 looks on a white background.

Color Contrast Check

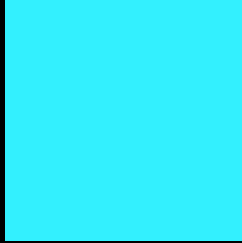
Large Text (above 18pt) WCAG AA × Fail

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 185.0850, 33.9751, -117.5925 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

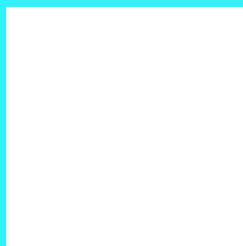
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.0850, 33.9751, -117.5925 Background



This preview shows how black text looks on a background with the YUV color 185.0850, 33.9751, -117.5925.



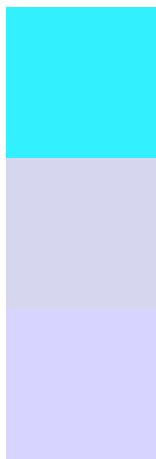
This preview shows how white text looks on a background with the YUV color 185.0850, 33.9751, -117.5925.

-117.5925.

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

185.0850, 33.9751, -117.5925

Protanopia

217.3230, 10.1938, -2.9143

Deuteranopia

217.7990, 18.3401, -2.4547



Tritanopia

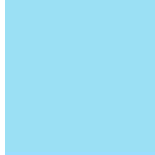
194.8000, 29.6786, -92.7866

Trichromacy



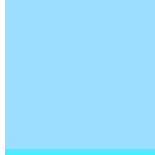
Original Color

185.0850, 33.9751, -117.5925



Protanomaly

205.6490, 18.9070, -44.4192



Deuteranomaly

205.7290, 24.2906, -44.4893



Tritanomaly

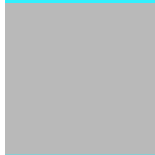
191.2010, 31.4529, -101.9083

Monochromacy



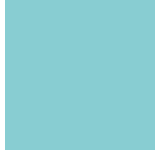
Original Color

185.0850, 33.9751, -117.5925



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.9390, 12.3551, -42.9195

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.0850, 33.9751, -117.5925 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(51, 240, 254)` looks like.

```
.text, #text, p{  
    color:rgb(51, 240, 254)  
}
```

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(51, 240, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 240, 254) }
```

Border

The CSS property to change the border of an element to YUV 185.0850, 33.9751, -117.5925 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(51, 240, 254) }
```


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

```
.border{ border-color:rgb(51, 240, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 240, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 240, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 240, 254);  
box-shadow:4px 4px 4px 4px rgb(51, 240,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 185.0850, 33.9751, -117.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 240, 254) }
```

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

```
.background{ background-color: rgb(51, 240,  
254) }
```

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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