

Converting Colors

YUV(183.9930, 33.5275,
-114.0039)

Have a look what the booklet for
YUV(183.9930, 33.5275, -114.0039)
contains.

YUV(183.9930, 33.5275, -114.0039)	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(183.9930, 33.5275,
-114.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	36EDFC
RGB	54, 237, 252
RGB Percent	21%, 93%, 99%
CMY	0.7882, 0.0706, 0.0118
CMYK	0.79, 0.06, 0.00, 0.01
HSL	185°, 97%, 60%
HSV	185°, 79%, 99%
XYZ	49.3762, 68.3809, 102.6919
YIQ	183.9930, -113.8830, -34.1310

Conversions

Conversions Part 2

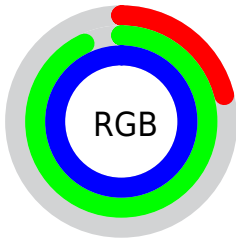
Format	Color
RYB	54, 149, 252
Decimal	3599868
CIELab	86.20, -38.56, -19.93
CIELCh	86, 43.409, 207.337
Yxy	68.3809, 0.2240, 0.3102
Android (android.graphics.Color)	4281789948 (0xFF36EDFC)
YUV	183.9930, 33.5275, -114.0039
Hunter-Lab	82.6928, -38.1292, -15.7443

Details

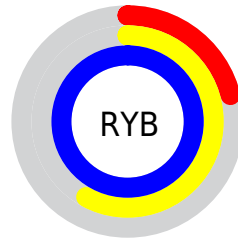
The YUV color **183.9930, 33.5275, -114.0039** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **122.0070, -33.5275, 114.0039**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8210, 17.8362, -74.3880**, and **128.4770, 32.7958, -112.6743** is the 20% darker color. If you saturate the color by 10%, you get **175.3440, 37.7914, -128.3437**, and if you desaturate by 10%, it is **192.6420, 29.2635, -99.6640**.

Distribution



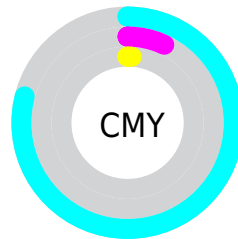
- Red (21%)
- Green (93%)
- Blue (99%)



- Red (21%)
- Yellow (58%)
- Blue (99%)



- Cyan (79%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9930, 33.5275, -114.0039 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 183.9930, 33.5275, -114.0039 by changing the saturation by 10% instead.

183.9930, 33.5275,
-114.0039

183.9930, 33.5275,
-114.0039

255.0000, 0.0000,
0.0000

147.5180, 37.2126,
-129.3733

218.8210, 17.8362,
-74.3880

128.4770, 32.7958,
-112.6743

228.6880, 12.9718,
-54.1004

108.9630, 29.1052,
-95.5606

238.2560, 8.2548,
-34.4275

90.7370, 25.2727,
-79.5763

247.8240, 3.5378,
-14.7546

72.5110, 21.4401,
-63.5921

55.1000, 18.1917,
-48.3227

38.8630, 14.3645,

-34.0829

■ 23.4410, 11.1216,
-20.5578

■ 3.4370, 10.6306,
-3.0142

■ 183.9930, 33.5275,
-114.0039

■ 183.9930, 33.5275,
-114.0039

■ 175.3440, 37.7914,
-128.3437

■ 192.6420, 29.2635,
-99.6640

■ 166.6950, 42.0554,
-142.6835

■ 201.2910, 24.9995,
-85.3242

■ 165.4990, 42.6450,
-145.1426

■ 210.2390, 20.5882,
-70.3696

■ 218.8880, 16.3242,
-56.0298

■ 227.5370, 12.0603,
-41.6899

■ 235.5990, 8.0857,
-26.8353

■ 244.2480, 3.8217,
-12.4955

■ 252.8970, -0.4422,
1.8443

■ 254.0710, -1.0210,
0.8147

Harmonies

Analogous

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



194.1440, 7.8170, -80.8103



183.9930, 33.5275, -114.0039



188.8860, 32.5942, -94.6160

Triad

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



183.9930, 33.5275, -114.0039



218.0190, 18.2316, 32.4323



213.1600, -39.5189, 28.8007

Complementary

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



183.9930, 33.5275, -114.0039



122.0070, -33.5275, 114.0039

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.



209.3430, -30.2421, 40.0412



183.9930, 33.5275, -114.0039



209.4470, 5.6956, 39.9500

Square

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



183.9930, 33.5275, -114.0039



214.2770, 20.0764, 0.6341



206.5340, -13.0813, 42.5047



209.1450, -33.5955, -4.5122

Rectangle

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



183.9930, 33.5275, -114.0039



199.1180, 27.5498, -63.2475



206.5340, -13.0813, 42.5047



213.1440, -38.5250, 36.7077

Sweetspot

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



183.9930, 33.5275, -114.0039



233.8260, 10.4388, -34.9274



171.7080, -51.6210, -103.2299



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.



183.9930, 33.5275, -114.0039



172.6740, 40.5867, -138.2801



127.0540, 61.5984, -64.0684



120.5260, 2.2057, -7.4773



123.6840, 32.2008, -108.4709



40.4130, 10.1494, -35.4422

Inverse Universe

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



134.0640, 50.7474, 103.4299



112.0680, 61.5915, 125.3514



178.9460, -61.5984, 64.0684



117.2550, 3.3253, 6.7924



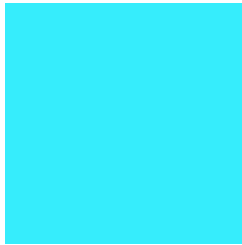
76.3470, 48.1429, 98.7967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 183.9930, 33.5275, -114.0039 looks on a white background.

Color Contrast Check

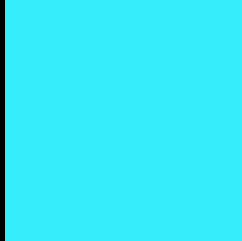
Large Text (above 18pt) WCAG AA × Fail

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 183.9930, 33.5275, -114.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

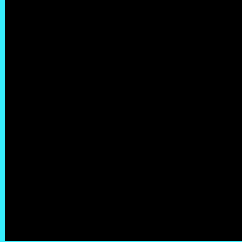
Any Text WCAG AA ✓ Pass

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 183.9930, 33.5275, -114.0039 Background



This preview shows how black text looks on a background with the YUV color 183.9930, 33.5275, -114.0039.

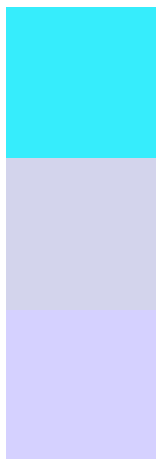


This preview shows how white text looks on a background with the YUV color 183.9930, 33.5275, -114.0039.

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

183.9930, 33.5275, -114.0039

Protanopia

214.4370, 10.6306, -3.0142

Deuteranopia

215.4400, 19.5031, -2.1399



Tritanopia

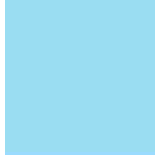
186.7380, 33.6532, -107.6412

Trichromacy



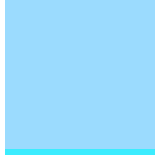
Original Color

183.9930, 33.5275, -114.0039



Protanomaly

203.3610, 19.0490, -43.2896



Deuteranomaly

203.8540, 24.7220, -42.8450



Tritanomaly

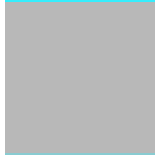
185.4280, 33.8060, -110.0004

Monochromacy



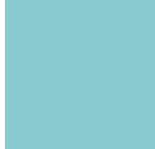
Original Color

183.9930, 33.5275, -114.0039



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.9500, 12.3497, -41.1751

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9930, 33.5275, -114.0039 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(54, 237, 252)` looks like.

```
.text, #text, p{  
    color:rgb(54, 237, 252)  
}
```

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(54, 237, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 237, 252) }
```

Border

The CSS property to change the border of an element to YUV 183.9930, 33.5275, -114.0039 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(54, 237, 252) }
```


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

```
.border{ border-color:rgb(54, 237, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 237, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 237, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 237, 252);  
box-shadow:4px 4px 4px 4px rgb(54, 237,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 183.9930, 33.5275, -114.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 237, 252) }
```

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

```
.background{ background-color: rgb(54, 237,  
252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor