

# Converting Colors

YUV(182.0340, -15.7928,  
-114.9168)

Have a look what the booklet for  
YUV(182.0340, -15.7928, -114.9168)  
contains.

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# Color

**YUV(182.0340, -15.7928,  
-114.9168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FF96
RGB	51, 255, 150
RGB Percent	20%, 100%, 59%
CMY	0.8000, 0.0000, 0.4118
CMYK	0.80, 0.00, 0.41, 0.00
HSL	149°, 100%, 60%
HSV	149°, 80%, 100%
XYZ	42.6303, 74.4258, 40.9729
YIQ	182.0340, -87.8790, -75.9030

# Conversions

## Conversions Part 2

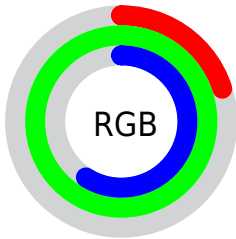
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 188, 255
Decimal	3407766
CIELab	89.12, -70.38, 36.86
CIElCh	89, 79.450, 152.362
Yxy	74.4258, 0.2698, 0.4710
Android (android.graphics.Color)	4281597846 (0xFF33FF96)
YUV	182.0340, -15.7928, -114.9168
Hunter-Lab	86.2704, -62.7680, 32.2303

# Details

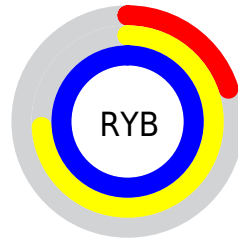
The YUV color **182.0340, -15.7928, -114.9168** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **123.9660, 15.7928, 114.9168**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9250, -3.4140, -71.8482**, and **126.8110, -14.2038, -111.2132** is the 20% darker color. If you saturate the color by 10%, you get **172.7780, -17.6386, -129.6013**, and if you desaturate by 10%, it is **191.2900, -13.9470, -100.2323**.

# Distribution



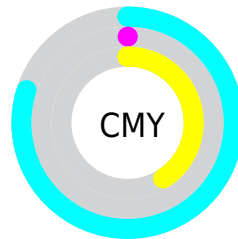
- Red (20%)
- Green (100%)
- Blue (59%)



- Red (20%)
- Yellow (74%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 182.0340, -15.7928, -114.9168 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 182.0340, -15.7928, -114.9168 by changing the saturation by 10% instead.



182.0340,  
-15.7928, -114.9168

182.0340,  
-15.7928, -114.9168

255.0000, 0.0000,  
0.0000

146.7980,  
-11.2394, -128.7418

211.9250, -3.4140,  
-71.8482

126.8110,  
-14.2038, -111.2132

225.0980, 4.3887,  
-54.4599

106.9380,  
-16.7314, -93.7846

237.0600, 8.8444,  
-36.8866

88.2390, -19.8378,  
-77.3856

246.6280, 4.1274,  
-17.2138

69.5400, -22.9442,  
-60.9866

51.6560, -25.4664,  
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,  
-19.5624

■ 0.0000, 0.0000,  
0.0000

■ 182.0340,  
-15.7928, -114.9168

■ 182.0340,  
-15.7928, -114.9168

■ 172.7780,  
-17.6386, -129.6013

■ 191.2900,  
-13.9470, -100.2323

■ 163.8210,  
-19.6318, -143.6710

■ 200.2470,  
-11.9538, -86.1626

■ 209.5030,  
-10.1080, -71.4781

■ 218.5740, -7.6780,  
-57.5084

■ 227.8300, -5.8322,  
-42.8239

■ 236.7870, -3.8390,  
-28.7542

■ 246.0430, -1.9932,  
-14.0697

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



206.4500, -59.8748, -22.3196



182.0340, -15.7928, -114.9168



175.6770, 25.7952, -154.0687

# Triad

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



182.0340, -15.7928, -114.9168



164.6670, 44.5342, -144.4130



189.8580, -21.1290, 57.1295

# Complementary

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



182.0340, -15.7928, -114.9168



123.9660, 15.7928, 114.9168

# 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.



190.6630, 14.9561, 56.4235



182.0340, -15.7928, -114.9168



216.7240, 18.8701, 14.2741

# Square

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



182.0340, -15.7928, -114.9168



175.8200, 39.0357, -154.1941



204.5180, 24.8876, 44.2727



199.9270, -56.1660, 48.2990



# Rectangle

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



182.0340, -15.7928, -114.9168



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727



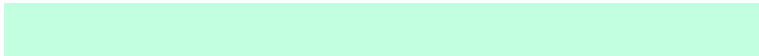
188.4850, -8.6201, 58.3337

# Sweetspot

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



182.0340, -15.7928, -114.9168



233.2270, -4.5489, -34.4021



202.1430, -74.5135, -40.4674



114.6570, -3.2819, -20.7472



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.



182.0340, -15.7928, -114.9168



167.3810, -18.9218, -138.0231



193.6620, 28.7606, -125.1146



123.3150, -1.1413, -7.2923



122.7190, -14.6515, -107.6246



41.1020, -4.9803, -36.0465



# Inverse Universe

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



123.9660, 15.7928, 114.9168



97.6190, 18.9218, 138.0231



112.3380, -28.7606, 125.1146



119.5710, 0.7045, 7.3922



68.2810, 14.6515, 107.6246

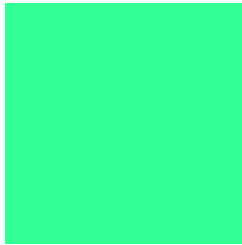


22.8980, 4.9803, 36.0465



# Previews

## White Background



This preview shows how the YUV color 182.0340, -15.7928, -114.9168 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

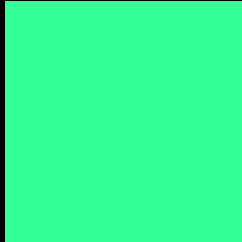
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 182.0340, -15.7928, -114.9168 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 182.0340, -15.7928, -114.9168 Background



This preview shows how black text looks on a background with the YUV color 182.0340, -15.7928, -114.9168.



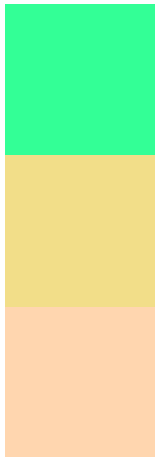
This preview shows how white text looks on a background with the YUV color 182.0340, -15.7928, -114.9168.

-114.9168.

# 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

182.0340, -15.7928, -114.9168

### Protanopia

218.2900, -40.0760, 20.7937

### Deuteranopia

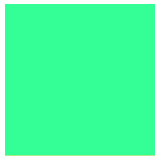
221.8130, -23.0788, 29.1050



## Tritanopia

208.8420, 22.7559, -65.6364

# Trichromacy



## Original Color

182.0340, -15.7928, -114.9168



## Protanomaly

205.2730, -31.1936, -28.3034



## Deuteranomaly

207.4660, -20.4427, -23.2107



## Tritanomaly

199.0620, 8.8434, -83.3694

# Monochromacy



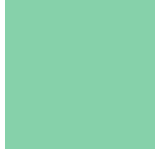
## Original Color

182.0340, -15.7928, -114.9168



## Achromatopsia

182.0000, 0.0000, 0.0000



## Achromatomaly

182.1290, -5.9796, -42.2091

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 182.0340, -15.7928, -114.9168 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, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 150)  
}
```

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, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 150) }
```

## Border

The CSS property to change the border of an element to YUV 182.0340, -15.7928, -114.9168 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, 255, 150) }
```



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

```
.border{ border-color:rgb(51, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 182.0340, -15.7928, -114.9168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 150) }
```

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

```
.background{ background-color: rgb(51, 255,  
150) }
```

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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