

Converting Colors

YUV(183.2020, -13.9036,
-114.1872)

Have a look what the booklet for
YUV(183.2020, -13.9036, -114.1872)
contains.

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Color

**YUV(183.2020, -13.9036,
-114.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	35FF9B
RGB	53, 255, 155
RGB Percent	21%, 100%, 61%
CMY	0.7922, 0.0000, 0.3922
CMYK	0.79, 0.00, 0.39, 0.00
HSL	150°, 100%, 60%
HSV	150°, 79%, 100%
XYZ	43.1446, 74.6434, 43.1440
YIQ	183.2020, -88.2920, -73.9240

Conversions

Conversions Part 2

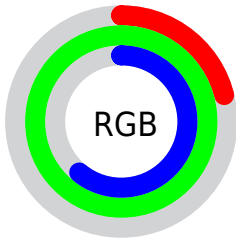
Format	Color
RYB	53, 187, 255
Decimal	3538843
CIELab	89.23, -69.29, 34.53
CIELCh	89, 77.417, 153.515
Yxy	74.6434, 0.2681, 0.4638
Android (android.graphics.Color)	4281728923 (0xFF35FF9B)
YUV	183.2020, -13.9036, -114.1872
Hunter-Lab	86.3964, -62.0546, 30.8697

Details

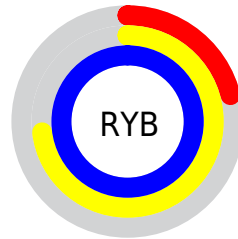
The YUV color **183.2020, -13.9036, -114.1872** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **124.7980, 13.9036, 114.1872**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7940, -1.3774, -71.7333**, and **127.3810, -12.0198, -111.7131** is the 20% darker color. If you saturate the color by 10%, you get **173.9460, -15.7494, -128.8716**, and if you desaturate by 10%, it is **192.4580, -12.0578, -99.5027**.

Distribution



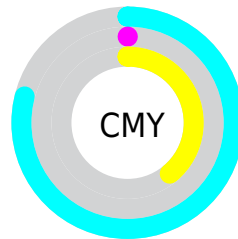
- Red (21%)
- Green (100%)
- Blue (61%)



- Red (21%)
- Yellow (73%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.2020, -13.9036, -114.1872 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 183.2020, -13.9036, -114.1872 by changing the saturation by 10% instead.

183.2020,
-13.9036, -114.1872

183.2020,
-13.9036, -114.1872

255.0000, 0.0000,
0.0000

147.2540, -9.4922,
-129.1418

212.7940, -1.3774,
-71.7333

127.3810,
-12.0198, -111.7131

225.9670, 6.4253,
-54.3451

108.0950,
-14.8368, -94.7993

237.3590, 8.6970,
-36.2718

88.8090, -17.6538,
-77.8855

246.9270, 3.9800,
-16.5990

70.2240, -20.3234,
-61.5864

51.8840, -24.5928,
-45.5023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 183.2020,
-13.9036, -114.1872

■ 183.2020,
-13.9036, -114.1872

■ 173.9460,
-15.7494, -128.8716

■ 192.4580,
-12.0578, -99.5027

■ 165.1030,
-17.3058, -143.0413

■ 201.3010,
-10.5014, -85.3330

■ 164.3910,
-17.4478, -144.1709

■ 210.5570, -8.6556,
-70.6485

■ 219.4000, -7.0992,
-56.4788

■ 228.3570, -5.1060,
-42.4091

■ 237.6130, -3.2602,
-27.7246

■ 246.7550, -1.8512,
-12.9401

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.



206.6500, -56.5224, -24.2490



183.2020, -13.9036, -114.1872



176.0190, 27.1056, -154.3687

Triad

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



183.2020, -13.9036, -114.1872



182.9170, 35.5369, -105.1672



191.6190, -21.9972, 55.5851

Complementary

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



183.2020, -13.9036, -114.1872



124.7980, 13.9036, 114.1872

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.



192.0820, 12.7776, 55.1791



183.2020, -13.9036, -114.1872



218.2190, 18.1330, 17.3479

Square

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



183.2020, -13.9036, -114.1872



175.2330, 39.3251, -153.6793



205.1050, 24.5982, 43.7579



201.4430, -55.4344, 46.9695

Rectangle

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



183.2020, -13.9036, -114.1872



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



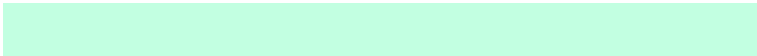
190.1320, -9.9251, 56.8892

Sweetspot

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



183.2020, -13.9036, -114.1872



233.3410, -4.1121, -34.5021



201.7730, -73.3451, -41.8969



114.7710, -2.8451, -20.8472



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.



183.2020, -13.9036, -114.1872



168.9620, -16.7433, -136.7787



194.6020, 29.7762, -124.1850



123.3150, -1.1413, -7.2923



123.1750, -12.9043, -108.0245



41.2160, -4.5435, -36.1464

Inverse Universe

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



124.7980, 13.9036, 114.1872



99.0380, 16.7433, 136.7787



113.3980, -29.7762, 124.1850



119.5710, 0.7045, 7.3922



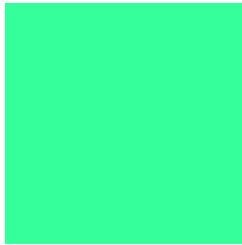
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 183.2020, -13.9036, -114.1872 looks on a white background.

Color Contrast Check

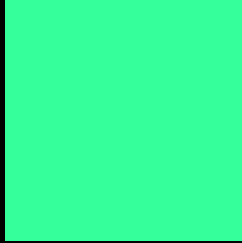
Large Text (above 18pt) WCAG AA × Fail

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 183.2020, -13.9036, -114.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

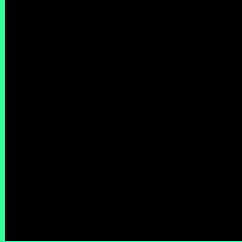
Any Text WCAG AA ✓ Pass

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 183.2020, -13.9036, -114.1872 Background



This preview shows how black text looks on a background with the YUV color 183.2020, -13.9036, -114.1872.

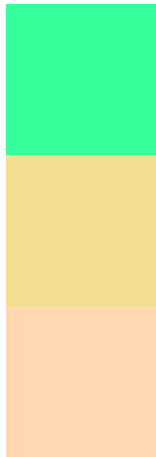


This preview shows how white text looks on a background with the YUV color 183.2020, -13.9036, -114.1872.

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

183.2020, -13.9036, -114.1872

Protanopia

218.8600, -37.8920, 20.2938

Deuteranopia

222.6280, -22.4946, 28.3902



Tritanopia

210.0270, 22.1717, -64.9217

Trichromacy



Original Color

183.2020, -13.9036, -114.1872



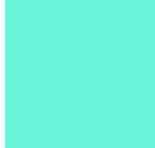
Protanomaly

205.8430, -29.0096, -28.8033



Deuteranomaly

208.6940, -19.5691, -23.4106



Tritanomaly

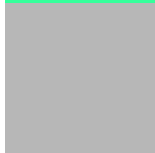
200.4750, 9.1328, -82.8546

Monochromacy



Original Color

183.2020, -13.9036, -114.1872



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

183.0690, -4.9640, -41.2795

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.2020, -13.9036, -114.1872 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(53, 255, 155)` looks like.

```
.text, #text, p{  
    color:rgb(53, 255, 155)  
}
```

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(53, 255, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 255, 155) }
```

Border

The CSS property to change the border of an element to YUV 183.2020, -13.9036, -114.1872 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(53, 255, 155) }
```


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

```
.border{ border-color:rgb(53, 255, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 255, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(53, 255,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 183.2020, -13.9036, -114.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 255, 155) }
```

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

```
.background{ background-color: rgb(53, 255,  
155) }
```

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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