

Converting Colors

YUV(179.9980, -21.1980,
-107.8692)

Have a look what the booklet for
YUV(179.9980, -21.1980, -107.8692)
contains.

YUV(179.9980, -21.1980, -107.8692)	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(179.9980, -21.1980,
-107.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	39FB89
RGB	57, 251, 137
RGB Percent	22%, 98%, 54%
CMY	0.7765, 0.0157, 0.4627
CMYK	0.77, 0.00, 0.45, 0.02
HSL	145°, 96%, 60%
HSV	145°, 77%, 98%
XYZ	40.6999, 71.6704, 35.3556
YIQ	179.9980, -79.0300, -76.5820

Conversions

Conversions Part 2

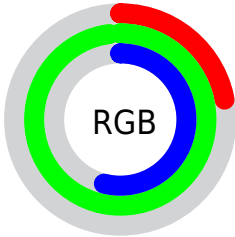
Format	Color
RYB	57, 194, 251
Decimal	3799945
CIELab	87.81, -70.59, 41.52
CIELCh	88, 81.892, 149.538
Yxy	71.6704, 0.2755, 0.4852
Android (android.graphics.Color)	4281990025 (0xFF39FB89)
YUV	179.9980, -21.1980, -107.8692
Hunter-Lab	84.6583, -62.3374, 34.4998

Details

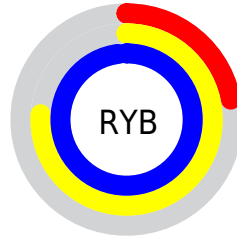
The YUV color **179.9980, -21.1980, -107.8692** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **128.0020, 21.1980, 107.8692**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3400, -9.5346, -68.7042**, and **122.9810, -18.7246, -107.8543** is the 20% darker color. If you saturate the color by 10%, you get **170.8130, -24.0648, -121.7390**, and if you desaturate by 10%, it is **189.1830, -18.3312, -93.9995**.

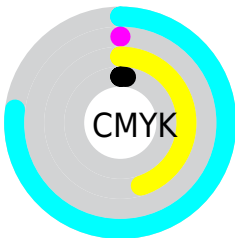
Distribution



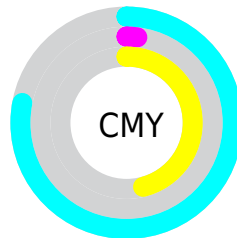
- Red (22%)
- Green (98%)
- Blue (54%)



- Red (22%)
- Yellow (76%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (45%)
- Black (2%)



- Cyan (78%)
- Magenta (2%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.9980, -21.1980, -107.8692 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 179.9980, -21.1980, -107.8692 by changing the saturation by 10% instead.

■ 179.9980,
-21.1980, -107.8692

■ 179.9980,
-21.1980, -107.8692

■ 255.0000, 0.0000,
0.0000

■ 142.9680,
-15.7602, -125.3829

■ 211.3400, -9.5346,
-68.7042

■ 122.9810,
-18.7246, -107.8543

■ 224.1000, -2.0213,
-51.8307

■ 103.6950,
-21.5416, -90.9405

■ 236.9740, 5.9288,
-35.0572

■ 84.2950, -24.7954,
-73.9267

■ 246.9270, 3.9800,
-16.5990

■ 64.9120, -30.5226,
-56.9278

■ 49.3080, -24.3088,
-43.2431

■ 35.2200, -17.3635,

-30.8879

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 179.9980,
-21.1980, -107.8692

■ 179.9980,
-21.1980, -107.8692

■ 170.8130,
-24.0648, -121.7390

■ 189.1830,
-18.3312, -93.9995

■ 161.7420,
-26.4948, -135.7087


■ 198.2540,
-15.9012, -80.0298

■ 159.1930,
-27.2101, -139.6123


■ 207.4390,
-13.0344, -66.1600

■ 216.6240,
-10.1676, -52.2902

 226.1080, -7.4482,
-37.8057

 235.1790, -5.0182,
-23.8360

 244.3640, -2.1515,
-9.9662

 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



202.5170, -64.8379, -17.1164



179.9980, -21.1980, -107.8692



174.3090, 20.5537, -152.8690

Triad

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



179.9980, -21.1980, -107.8692



164.0800, 44.8236, -143.8982



184.6890, -18.0877, 61.6627

Complementary

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



179.9980, -21.1980, -107.8692



128.0020, 21.1980, 107.8692

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.



187.0100, 18.7291, 59.6272



179.9980, -21.1980, -107.8692



211.3530, 21.5180, 4.9524

Square

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



179.9980, -21.1980, -107.8692



174.6460, 39.6145, -153.1645



202.7570, 25.7558, 45.8171



194.8890, -55.1613, 52.7173

Rectangle

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



179.9980, -21.1980, -107.8692



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



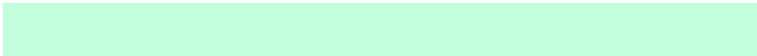
183.4300, -5.1420, 62.7669

Sweetspot

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



179.9980, -21.1980, -107.8692



233.4830, -6.1541, -32.8726



205.5620, -73.2411, -28.5569



114.8420, -3.8661, -20.0324



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.



179.9980, -21.1980, -107.8692



168.2910, -25.7795, -131.8052



190.8280, 20.2978, -117.3672



120.3150, -1.1413, -7.2923



119.8350, -20.6247, -105.0953



38.6570, -6.7329, -33.9022

Inverse Universe

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



128.0020, 21.1980, 107.8692



104.7090, 25.7795, 131.8052



117.1720, -20.2978, 117.3672



116.7990, 1.5781, 7.1923



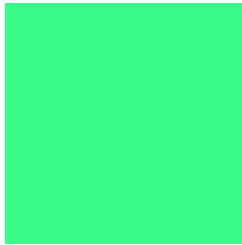
69.1650, 20.6247, 105.0953



22.3430, 6.7329, 33.9022

Previews

White Background



This preview shows how the YUV color 179.9980, -21.1980, -107.8692 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 179.9980, -21.1980, -107.8692 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 179.9980, -21.1980, -107.8692 Background



This preview shows how black text looks on a background with the YUV color 179.9980, -21.1980, -107.8692.

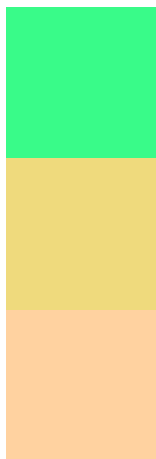


This preview shows how white text looks on a background with the YUV color 179.9980, -21.1980, -107.8692.

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

179.9980, -21.1980, -107.8692

Protanopia

213.6770, -43.7178, 22.2083

Deuteranopia

217.7550, -28.4732, 32.6639



Tritanopia

202.5740, 25.8460, -76.8024

Trichromacy



Original Color

179.9980, -21.1980, -107.8692



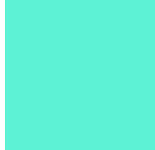
Protanomaly

201.4430, -35.7144, -24.9445



Deuteranomaly

204.1200, -25.6952, -18.5222



Tritanomaly

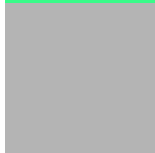
194.3280, 8.7123, -87.9877

Monochromacy



Original Color

179.9980, -21.1980, -107.8692



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.9830, -7.8796, -39.4501

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9980, -21.1980, -107.8692 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(57, 251, 137)` looks like.

```
.text, #text, p{  
    color:rgb(57, 251, 137)  
}
```

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(57, 251, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 251, 137) }
```

Border

The CSS property to change the border of an element to YUV 179.9980, -21.1980, -107.8692 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(57, 251, 137) }
```


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

```
.border{ border-color:rgb(57, 251, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 251, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 251, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 251, 137);  
box-shadow:4px 4px 4px 4px rgb(57, 251,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 179.9980, -21.1980, -107.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 251, 137) }
```

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

```
.background{ background-color: rgb(57, 251,  
137) }
```

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