

Converting Colors

YUV(193.5980, -7.6898,
-100.5024)

Have a look what the booklet for
YUV(193.5980, -7.6898, -100.5024)
contains.

YUV(193.5980, -7.6898, -100.5024)	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(193.5980, -7.6898,
-100.5024)**

Conversions

Conversions Part 1

Format	Color
Hex	4FFFB2
RGB	79, 255, 178
RGB Percent	31%, 100%, 70%
CMY	0.6902, 0.0000, 0.3020
CMYK	0.69, 0.00, 0.30, 0.00
HSL	154°, 100%, 65%
HSV	154°, 69%, 100%
XYZ	47.0203, 76.3966, 54.3873
YIQ	193.5980, -80.1790, -61.2590

Conversions

Conversions Part 2

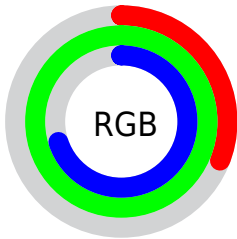
Format	Color
RYB	79, 192, 255
Decimal	5242802
CIELab	90.04, -61.64, 24.15
CIELCh	90, 66.199, 158.608
Yxy	76.3966, 0.2645, 0.4297
Android (android.graphics.Color)	4283432882 (0xFF4FFFB2)
YUV	193.5980, -7.6898, -100.5024
Hunter-Lab	87.4052, -56.9335, 24.2908

Details

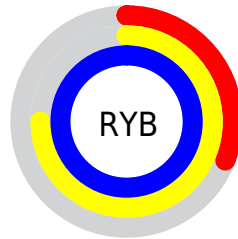
The YUV color **193.5980, -7.6898, -100.5024** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **140.4020, 7.6898, 100.5024**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3140, 6.7472, -64.2964**, and **129.8890, -2.4103, -113.9127** is the 20% darker color. If you saturate the color by 10%, you get **184.8690, -8.8094, -114.7721**, and if you desaturate by 10%, it is **202.6260, -6.7176, -85.6180**.

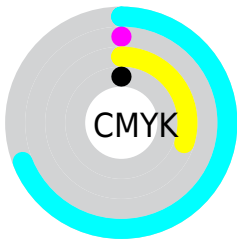
Distribution



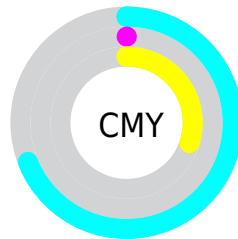
- Red (31%)
- Green (100%)
- Blue (70%)



- Red (31%)
- Yellow (75%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5980, -7.6898, -100.5024 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 193.5980, -7.6898, -100.5024 by changing the saturation by 10% instead.

193.5980, -7.6898,
-100.5024

193.5980, -7.6898,
-100.5024

255.0000, 0.0000,
0.0000

158.8460, -3.8681,
-112.9979

220.3140, 6.7472,
-64.2964

129.8890, -2.4103,
-113.9127

232.2760, 11.2029,
-46.7231

110.6030, -5.2273,
-96.9988

241.5450, 6.6333,
-27.6650

91.9040, -8.3337,
-80.5998

250.8140, 2.0637,
-8.6069

73.4330, -10.5665,
-64.4007

55.5490, -13.0887,
-48.7165

38.2520, -15.9002,

-33.5470

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 193.5980, -7.6898,
-100.5024

■ 193.5980, -7.6898,
-100.5024

■ 184.8690, -8.8094,
-114.7721

■ 202.6260, -6.7176,
-85.6180

■ 175.8410, -9.7816,
-129.6566

■ 211.3550, -5.5980,
-71.3483

■ 167.1120,
-10.9012, -143.9262

■ 220.3830, -4.6258,
-56.4639

■ 165.9870,
-11.3326, -145.5706

■ 229.2260, -3.0694,
-42.2942

■ 238.2540, -2.0972,
-27.4098

■ 246.9830, -0.9776,
-13.1401

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.



211.0590, -43.4131, -28.9927



193.5980, -7.6898, -100.5024



177.3870, 32.3472, -155.5684

Triad

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



193.5980, -7.6898, -100.5024



206.5710, 23.8755, -51.3668



201.4670, -24.8802, 46.9484

Complementary

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



193.5980, -7.6898, -100.5024



140.4020, 7.6898, 100.5024

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.



201.2630, 4.8003, 47.1273



193.5980, -7.6898, -100.5024



223.8890, 15.3377, 27.2843

Square

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



193.5980, -7.6898, -100.5024



173.4720, 40.1933, -152.1349



210.9750, 21.7043, 38.6099



209.9520, -50.7553, 39.5071

Rectangle

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



193.5980, -7.6898, -100.5024



178.7550, 37.5888, -156.7681



210.9750, 21.7043, 38.6099



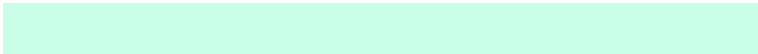
199.9970, -15.2815, 48.2376

Sweetspot

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



193.5980, -7.6898, -100.5024



236.2320, -2.0864, -30.8985



205.9330, -62.5780, -42.0372



116.8360, -1.3981, -18.2732



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.



193.5980, -7.6898, -100.5024



181.0100, -9.3719, -121.0348



197.0930, 28.5482, -103.5676



123.4290, -0.7045, -7.3922



124.4290, -8.0995, -109.1242



41.6720, -2.7963, -36.5463

Inverse Universe

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



140.4020, 7.6898, 100.5024



116.9900, 9.3719, 121.0348



136.9070, -28.5482, 103.5676



119.4570, 0.2677, 7.4922



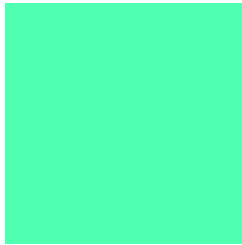
66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 193.5980, -7.6898, -100.5024 looks on a white background.

Color Contrast Check

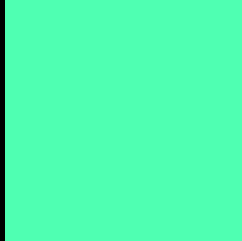
Large Text (above 18pt) WCAG AA × Fail

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 193.5980, -7.6898, -100.5024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

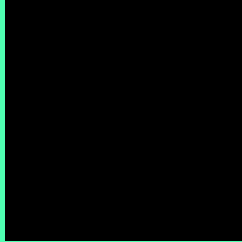
Any Text WCAG AA ✓ Pass

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 193.5980, -7.6898, -100.5024 Background



This preview shows how black text looks on a background with the YUV color 193.5980, -7.6898, -100.5024.



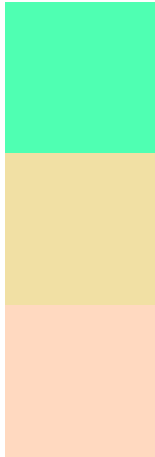
This preview shows how white text looks on a background with the YUV color 193.5980, -7.6898,

-100.5024.

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

193.5980, -7.6898, -100.5024

Protanopia

222.2430, -28.7138, 16.4499

Deuteranopia

225.5120, -16.5214, 25.8610



Tritanopia

214.8000, 19.8186, -56.8296

Trichromacy



Original Color

193.5980, -7.6898, -100.5024



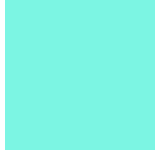
Protanomaly

211.6290, -21.0161, -25.9846



Deuteranomaly

214.0240, -13.3228, -20.1920



Tritanomaly

206.7690, 9.9739, -72.5884

Monochromacy



Original Color

193.5980, -7.6898, -100.5024



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.6720, -2.7963, -36.5463

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5980, -7.6898, -100.5024 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(79, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(79, 255, 178)  
}
```

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(79, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 255, 178) }
```

Border

The CSS property to change the border of an element to YUV 193.5980, -7.6898, -100.5024 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(79, 255, 178) }
```


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

```
.border{ border-color:rgb(79, 255, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(79, 255,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 193.5980, -7.6898, -100.5024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 255, 178) }
```

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

```
.background{ background-color: rgb(79, 255,  
178) }
```

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