

Converting Colors

YUV(194.5920, -21.9839,
-89.0962)

Have a look what the booklet for
YUV(194.5920, -21.9839, -89.0962)
contains.

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Color

**YUV(194.5920, -21.9839,
-89.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	5DFF96
RGB	93, 255, 150
RGB Percent	36%, 100%, 59%
CMY	0.6353, 0.0000, 0.4118
CMYK	0.64, 0.00, 0.41, 0.00
HSL	141°, 100%, 68%
HSV	141°, 64%, 100%
XYZ	45.7792, 76.0492, 41.1203
YIQ	194.5920, -62.8470, -66.9990

Conversions

Conversions Part 2

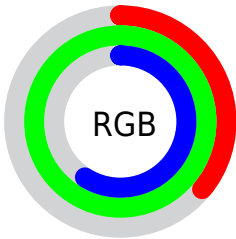
Format	Color
RYB	93, 213, 255
Decimal	6160278
CIELab	89.88, -64.45, 37.99
CIELCh	90, 74.817, 149.484
Yxy	76.0492, 0.2809, 0.4667
Android (android.graphics.Color)	4284350358 (0xFF5DFF96)
YUV	194.5920, -21.9839, -89.0962
Hunter-Lab	87.2062, -58.9065, 33.0873

Details

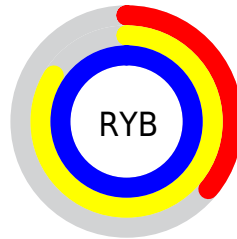
The YUV color **194.5920, -21.9839, -89.0962** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **153.4080, 21.9839, 89.0962**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.9980, -7.3940, -55.2492**, and **126.8110, -14.2038, -111.2132** is the 20% darker color. If you saturate the color by 10%, you get **184.8800, -25.5768, -103.3808**, and if you desaturate by 10%, it is **204.3040, -18.3909, -74.8116**.

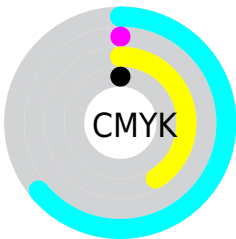
Distribution



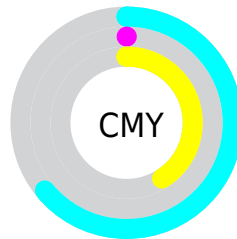
- Red (36%)
- Green (100%)
- Blue (59%)



- Red (36%)
- Yellow (84%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.5920, -21.9839, -89.0962 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 194.5920, -21.9839, -89.0962 by changing the saturation by 10% instead.

194.5920,
-21.9839, -89.0962

194.5920,
-21.9839, -89.0962

255.0000, 0.0000,
0.0000

163.1290,
-19.7836, -94.8291

219.9980, -7.3940,
-55.2492

126.8110,
-14.2038, -111.2132

232.5730, 0.7035,
-39.0905

107.4110,
-17.4576, -94.1994

244.2360, 5.3067,
-22.1320

88.2390, -19.8378,
-77.3856

253.5050, 0.7370,
-3.0739

70.0130, -23.6704,
-61.4014

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 194.5920,
-21.9839, -89.0962

■ 194.5920,
-21.9839, -89.0962

■ 184.8800,
-25.5768, -103.3808

■ 204.3040,
-18.3909, -74.8116

■ 175.5810,
-28.8804, -117.1505

■ 213.6030,
-15.0873, -61.0418

■ 165.8690,
-32.4734, -131.4351

■ 223.3150,
-11.4943, -46.7573

■ 159.9450,
-34.4829, -140.2718

■ 232.6140, -8.1907,
-32.9875

■ 242.3260, -4.5977,
-18.7029

■ 251.6250, -1.2941,
-4.9331

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.



210.6620, -58.0074, -14.6126



194.5920, -21.9839, -89.0962



174.9930, 23.1745, -153.4689

Triad

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



194.5920, -21.9839, -89.0962



171.8100, 41.0127, -134.8914



193.6880, -16.6082, 53.7706

Complementary

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



194.5920, -21.9839, -89.0962



153.4080, 21.9839, 89.0962

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.



196.9720, 16.2828, 50.8906



194.5920, -21.9839, -89.0962



218.4410, 18.0236, 5.7522

Square

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



194.5920, -21.9839, -89.0962



176.9940, 38.4570, -155.2237



209.8010, 22.2831, 39.6395



202.3380, -49.4666, 46.1846

Rectangle

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



194.5920, -21.9839, -89.0962



178.7550, 37.5888, -156.7681



209.8010, 22.2831, 39.6395



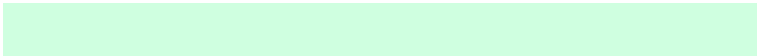
193.2610, -5.5517, 54.1451

Sweetspot

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



194.5920, -21.9839, -89.0962



237.1140, -6.4652, -26.4100



219.4890, -62.3591, -18.8459



116.7500, -4.3137, -16.4437



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.



194.5920, -21.9839, -89.0962



182.6300, -26.4396, -106.6695



203.8260, 13.3968, -97.1944



123.0870, -2.0149, -7.0923



119.7550, -26.0082, -105.0251



40.0760, -8.9115, -35.1467

Inverse Universe

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



153.4080, 21.9839, 89.0962



133.3700, 26.4396, 106.6695



144.1740, -13.3968, 97.1944



119.7990, 1.5781, 7.1923



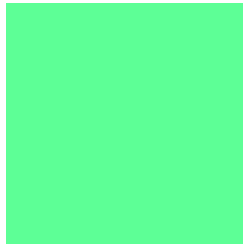
71.2450, 26.0082, 105.0251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 194.5920, -21.9839, -89.0962 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 194.5920, -21.9839, -89.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

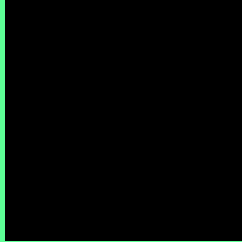
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

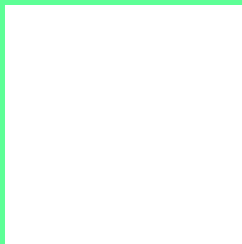
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 194.5920, -21.9839, -89.0962 Background



This preview shows how black text looks on a background with the YUV color 194.5920, -21.9839, -89.0962.



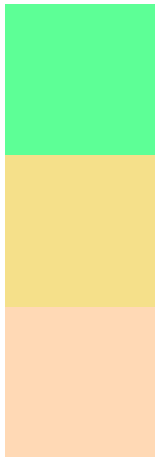
This preview shows how white text looks on a background with the YUV color 194.5920, -21.9839, -89.0962.

-89.0962.

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

194.5920, -21.9839, -89.0962

Protanopia

220.4750, -40.6602, 21.5084

Deuteranopia

224.2580, -21.3262, 26.9607



Tritanopia

214.5120, 19.9606, -55.7000

Trichromacy



Original Color

194.5920, -21.9839, -89.0962



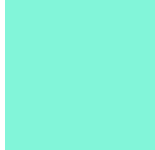
Protanomaly

210.9430, -33.9889, -18.3670



Deuteranomaly

213.5810, -21.4854, -15.4185



Tritanomaly

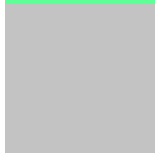
207.4230, 4.7215, -67.9000

Monochromacy



Original Color

194.5920, -21.9839, -89.0962



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.0270, -7.9013, -32.4727

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.5920, -21.9839, -89.0962 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(93, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 255, 150) }
```

Border

The CSS property to change the border of an element to YUV 194.5920, -21.9839, -89.0962 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(93, 255, 150) }
```


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

```
.border{ border-color:rgb(93, 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(93, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(93, 255,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 194.5920, -21.9839, -89.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 255, 150) }
```

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

```
.background{ background-color: rgb(93, 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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