

Converting Colors

YUV(194.0130, -27.1214,
-74.5564)

Have a look what the booklet for
YUV(194.0130, -27.1214, -74.5564)
contains.

YUV(194.0130, -27.1214, -74.5564)	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(194.0130, -27.1214,
-74.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF88B
RGB	109, 248, 139
RGB Percent	43%, 97%, 55%
CMY	0.5725, 0.0275, 0.4549
CMYK	0.56, 0.00, 0.44, 0.03
HSL	133°, 91%, 70%
HSV	133°, 56%, 97%
XYZ	44.5343, 72.2501, 36.0246
YIQ	194.0130, -47.8550, -63.3670

Conversions

Conversions Part 2

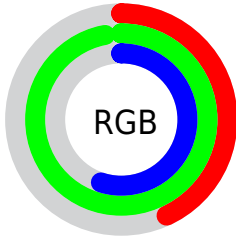
Format	Color
RYB	109, 223, 248
Decimal	7207051
CIELab	88.09, -60.31, 41.14
CIElCh	88, 73.003, 145.703
Yxy	72.2501, 0.2914, 0.4728
Android (android.graphics.Color)	4285397131 (0xFF6DF88B)
YUV	194.0130, -27.1214, -74.5564
Hunter-Lab	85.0001, -55.2282, 34.3719

Details

The YUV color **194.0130, -27.1214, -74.5564** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **162.9870, 27.1214, 74.5564**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6310, -14.1151, -46.1574**, and **132.5110, -22.4369, -83.7631** is the 20% darker color. If you saturate the color by 10%, you get **184.3720, -31.7354, -88.0262**, and if you desaturate by 10%, it is **203.6540, -22.5074, -61.0866**.

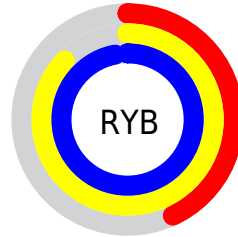
Distribution



Red (43%)

Green (97%)

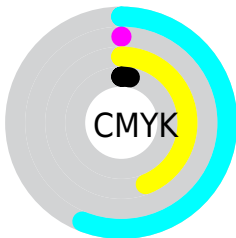
Blue (55%)



Red (43%)

Yellow (87%)

Blue (97%)

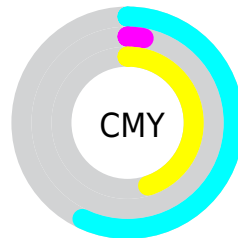


Cyan (56%)

Magenta (0%)

Yellow (44%)

Black (3%)



Cyan (57%)

Magenta (3%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.0130, -27.1214, -74.5564 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 194.0130, -27.1214, -74.5564 by changing the saturation by 10% instead.

194.0130,
-27.1214, -74.5564

194.0130,
-27.1214, -74.5564

255.0000, 0.0000,
0.0000

164.1590,
-25.2214, -77.3154

222.6310,
-14.1151, -46.1574

132.5110,
-22.4369, -83.7631

234.7930, -6.3069,
-30.5135

102.7490,
-20.0893, -90.1109

247.0690, 1.9380,
-14.9695

83.3490, -23.3431,
-73.0971

64.6670, -28.9228,
-56.7130

48.7210, -24.0195,
-42.7283

34.6330, -17.0741,

-30.3731

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 194.0130,
-27.1214, -74.5564

■ 194.0130,
-27.1214, -74.5564

■ 184.3720,
-31.7354, -88.0262

■ 203.6540,
-22.5074, -61.0866

■ 174.6170,
-36.7862, -101.3961


■ 213.4090,
-17.4566, -47.7167


■ 165.2750,
-41.5476, -114.2512


■ 222.7510,
-12.6952, -34.8616

■ 155.5200,
-46.5984, -127.6210

■ 232.5060, -7.6445,
-21.4918

 151.7320,
-48.1819, -133.0690

 242.1470, -3.0305,
-8.0219

 250.8910, 2.0257,
3.6036

Harmonies

Analogous

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



207.6630, -59.4869, -6.7205



194.0130, -27.1214, -74.5564



172.8100, 17.3487, -151.5544

Triad

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



194.0130, -27.1214, -74.5564



165.2540, 44.2448, -144.9278



191.3230, -12.9772, 55.8447

Complementary

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



194.0130, -27.1214, -74.5564



162.9870, 27.1214, 74.5564

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.



196.2540, 18.6088, 51.5202



194.0130, -27.1214, -74.5564



212.1730, 21.1137, -5.4137

Square

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



194.0130, -27.1214, -74.5564



174.6460, 39.6145, -153.1645



209.8010, 22.2831, 39.6395



198.2120, -44.9675, 49.8031

Rectangle

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



194.0130, -27.1214, -74.5564



178.7550, 37.5888, -156.7681



209.8010, 22.2831, 39.6395



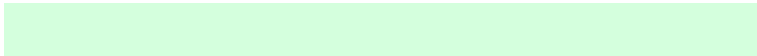
190.8960, -1.9207, 56.2192

Sweetspot

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



194.0130, -27.1214, -74.5564



238.2670, -8.5126, -23.0362



223.7820, -56.5875, -3.3168



117.9460, -4.9034, -13.9846



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.



194.0130, -27.1214, -74.5564



188.5950, -33.3243, -91.7298



201.6510, 2.1441, -81.2549



119.9730, -2.4517, -6.9923



115.6170, -36.7862, -101.3961



37.2890, -11.9745, -32.7025

Inverse Universe

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



162.9870, 27.1214, 74.5564



150.4050, 33.3243, 91.7298



155.3490, -2.1441, 81.2549



117.0270, 2.4517, 6.9923



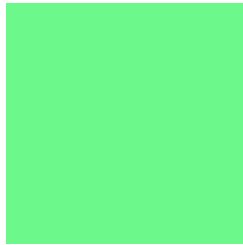
73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 194.0130, -27.1214, -74.5564 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 194.0130, -27.1214, -74.5564 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 194.0130, -27.1214, -74.5564 Background



This preview shows how black text looks on a background with the YUV color 194.0130, -27.1214, -74.5564.



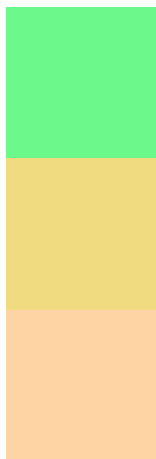
This preview shows how white text looks on a background with the YUV color 194.0130, -27.1214, -74.5564.

-74.5564.

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

194.0130, -27.1214, -74.5564

Protanopia

214.9050, -42.8442, 22.0083

Deuteranopia

219.3850, -27.3048, 31.2344



Tritanopia

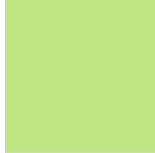
208.1630, 22.5976, -61.5330

Trichromacy



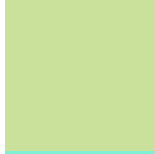
Original Color

194.0130, -27.1214, -74.5564



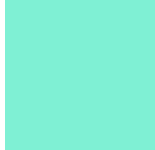
Protanomaly

207.4660, -37.2047, -13.5637



Deuteranomaly

210.1430, -27.1855, -7.1414



Tritanomaly

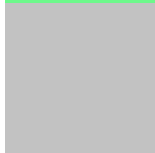
203.0210, 4.4266, -66.6704

Monochromacy



Original Color

194.0130, -27.1214, -74.5564



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

194.1910, -9.9542, -27.3545

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.0130, -27.1214, -74.5564 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(109, 248, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 248, 139)  
}
```

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(109, 248, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 248, 139) }
```

Border

The CSS property to change the border of an element to YUV 194.0130, -27.1214, -74.5564 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(109, 248, 139) }
```


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

```
.border{ border-color:rgb(109, 248, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 248, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 248, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 248, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 248,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 194.0130, -27.1214, -74.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 248, 139) }
```

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

```
.background{ background-color: rgb(109,  
248, 139) }
```

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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