

Converting Colors

YUV(219.6920, 16.9138,
-58.4889)

Have a look what the booklet for
YUV(219.6920, 16.9138, -58.4889)
contains.

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Color

**YUV(219.6920, 16.9138,
-58.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	99F7FE
RGB	153, 247, 254
RGB Percent	60%, 97%, 100%
CMY	0.4000, 0.0314, 0.0039
CMYK	0.40, 0.03, 0.00, 0.00
HSL	184°, 98%, 80%
HSV	184°, 40%, 100%
XYZ	64.2870, 80.4496, 105.9060
YIQ	219.6920, -58.2710, -17.7510

Conversions

Conversions Part 2

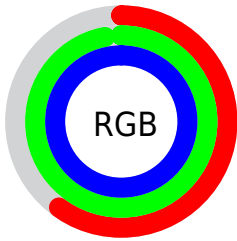
Format	Color
R _Y B	153, 202, 254
Decimal	10090494
CIE Lab	91.89, -26.13, -12.15
CIE LCh	92, 28.814, 204.939
Yxy	80.4496, 0.2565, 0.3210
Android (android.graphics.Color)	4288280574 (0xFF99F7FE)
YUV	219.6920, 16.9138, -58.4889
Hunter-Lab	89.6937, -29.0259, -7.2212

Details

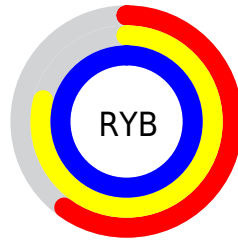
The YUV color **219.6920, 16.9138, -58.4889** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **187.3080, -16.9138, 58.4889**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **162.3930, 17.0613, -59.1037** is the 20% darker color. If you saturate the color by 10%, you get **211.0430, 21.1778, -72.8287**, and if you desaturate by 10%, it is **228.3410, 12.6499, -44.1491**.

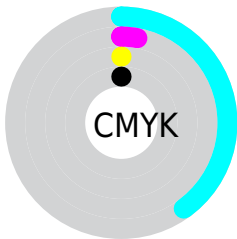
Distribution



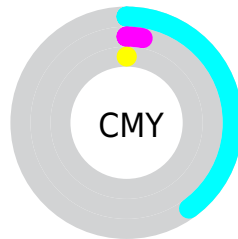
- Red (60%)
- Green (97%)
- Blue (100%)



- Red (60%)
- Yellow (79%)
- Blue (100%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6920, 16.9138, -58.4889 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 219.6920, 16.9138, -58.4889 by changing the saturation by 10% instead.

219.6920, 16.9138,
-58.4889

219.6920, 16.9138,
-58.4889

255.0000, 0.0000,
0.0000

190.6920, 16.9138,
-58.4889

241.8440, 6.4859,
-27.0502

162.3930, 17.0613,
-59.1037

250.8140, 2.0637,
-8.6069

134.4960, 17.5035,
-60.9480

105.2070, 19.1249,
-67.7105

78.6090, 19.4198,
-68.9401

61.0840, 15.7346,
-53.5707

44.9610, 12.3442,

-39.4308

■ 28.8380, 8.9539,
-25.2909

■ 11.2960, 7.7421,
-9.9066

■ 219.6920, 16.9138,
-58.4889

■ 219.6920, 16.9138,
-58.4889

■ 211.0430, 21.1778,
-72.8287

■ 228.3410, 12.6499,
-44.1491

■ 202.0950, 25.5892,
-87.7833

■ 237.2890, 8.2385,
-29.1945

■ 194.0330, 29.5637,
-102.6379

■ 245.3510, 4.2640,
-14.3398

■ 185.0850, 33.9751,
-117.5925

■ 254.2990, -0.1474,
0.6148

■ 176.4360, 38.2391, 254.8860, -0.4368,
-131.9324 0.1000

■ 167.7870, 42.5030,
-146.2722

■ 167.4880, 42.6504,
-146.8870

Harmonies

Analogous

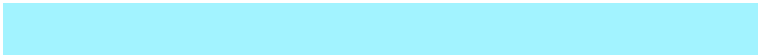
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.9850, 2.4724, -46.4678



219.6920, 16.9138, -58.4889



220.1490, 17.1815, -50.9967

Triad

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



219.6920, 16.9138, -58.4889



232.6940, 10.9969, 19.5624



230.2590, -26.2567, 21.6979

Complementary

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



219.6920, 16.9138, -58.4889



187.3080, -16.9138, 58.4889

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.



226.1160, -19.2842, 25.3313



219.6920, 16.9138, -58.4889



227.8210, 5.0182, 23.8360

Square

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



219.6920, 16.9138, -58.4889



230.5020, 12.0775, -0.4403



225.2160, -7.5015, 26.1206



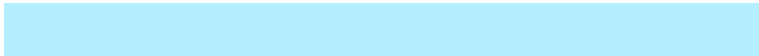
227.9250, -23.1340, 0.0658

Rectangle

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



219.6920, 16.9138, -58.4889



222.8950, 15.8278, -36.7419



225.2160, -7.5015, 26.1206



228.7260, -24.5149, 23.0423

Sweetspot

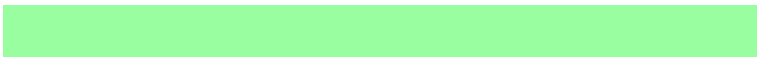
The Sweet Spot groups the original color and five complimentary colors.



219.6920, 16.9138, -58.4889



244.5570, 5.1484, -18.0285



213.0850, -26.1709, -52.6945



121.4440, 3.2321, -10.0364



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.



219.6920, 16.9138, -58.4889



213.8260, 20.2988, -70.8844



190.3420, 31.3834, -32.7489



123.5260, 2.2057, -7.4773



126.2600, 31.9168, -110.7300



41.9290, 10.8810, -36.7717

Inverse Universe

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



193.9150, 26.1709, 52.6945



182.4740, 31.8113, 63.6053



216.6580, -31.3834, 32.7489



120.2550, 3.3253, 6.7924



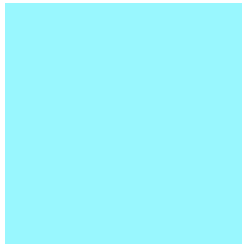
77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 219.6920, 16.9138, -58.4889 looks on a white background.

Color Contrast Check

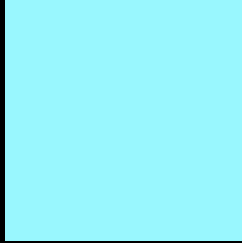
Large Text (above 18pt) WCAG AA × Fail

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 219.6920, 16.9138, -58.4889 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 219.6920, 16.9138, -58.4889

Background



This preview shows how black text looks on a background with the YUV color 219.6920, 16.9138, -58.4889.



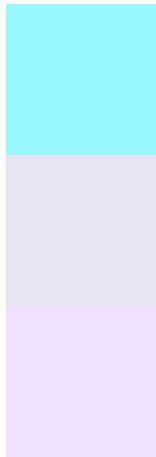
This preview shows how white text looks on a background with the YUV color 219.6920, 16.9138, -58.4889.

-58.4889.

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

219.6920, 16.9138, -58.4889

Protanopia

231.1940, 5.8204, -0.1701

Deuteranopia

232.6060, 11.0402, 5.6075



Tritanopia

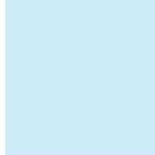
225.2540, 14.6648, -37.0568

Trichromacy



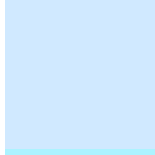
Original Color

219.6920, 16.9138, -58.4889



Protanomaly

227.3870, 9.6692, -21.3874



Deuteranomaly

228.0330, 13.2947, -17.5689



Tritanomaly

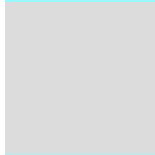
223.1390, 15.7075, -44.8489

Monochromacy



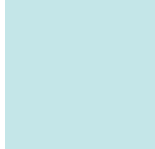
Original Color

219.6920, 16.9138, -58.4889



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.0620, 5.8854, -21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6920, 16.9138, -58.4889 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(153, 247, 254)` looks like.

```
.text, #text, p{  
    color:rgb(153, 247, 254)  
}
```

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(153, 247, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 247, 254) }
```

Border

The CSS property to change the border of an element to YUV 219.6920, 16.9138, -58.4889 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(153, 247, 254) }
```


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

```
.border{ border-color:rgb(153, 247, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 247, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(153, 247,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 219.6920, 16.9138, -58.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 247, 254) }
```

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

```
.background{ background-color: rgb(153,  
247, 254) }
```

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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