

Converting Colors

YUV(198.6510, -1.3069,
-94.4099)

Have a look what the booklet for
YUV(198.6510, -1.3069, -94.4099)
contains.

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Color

**YUV(198.6510, -1.3069,
-94.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	5BFEC4
RGB	91, 254, 196
RGB Percent	36%, 100%, 77%
CMY	0.6431, 0.0039, 0.2314
CMYK	0.64, 0.00, 0.23, 0.00
HSL	159°, 99%, 68%
HSV	159°, 64%, 100%
XYZ	49.7200, 77.0933, 64.4845
YIQ	198.6510, -78.5300, -52.5940

Conversions

Conversions Part 2

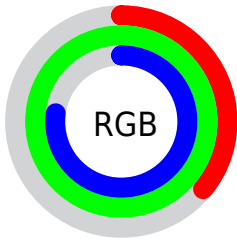
Format	Color
R _{YB}	91, 190, 254
Decimal	6028996
CIE Lab	90.36, -55.60, 15.43
CIE LCh	90, 57.697, 164.487
Yxy	77.0933, 0.2599, 0.4030
Android (android.graphics.Color)	4284219076 (0xFF5BFEC4)
YUV	198.6510, -1.3069, -94.4099
Hunter-Lab	87.8028, -52.5758, 17.9179

Details

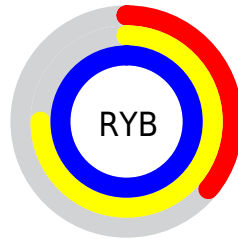
The YUV color **198.6510, -1.3069, -94.4099** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **146.3490, 1.3069, 94.4099**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1710, 13.7197, -60.6630**, and **131.2400, 5.3047, -115.0975** is the 20% darker color. If you saturate the color by 10%, you get **190.1500, -1.5530, -108.8796**, and if you desaturate by 10%, it is **207.1520, -1.0609, -79.9403**.

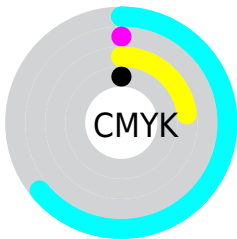
Distribution



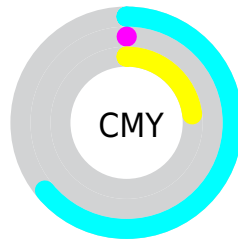
- Red (36%)
- Green (100%)
- Blue (77%)



- Red (36%)
- Yellow (75%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (64%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6510, -1.3069, -94.4099 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 198.6510, -1.3069, -94.4099 by changing the saturation by 10% instead.

 198.6510, -1.3069,
-94.4099


 198.6510, -1.3069,
-94.4099

255.0000, 0.0000,
0.0000

 166.8890, 1.0407,
-100.7577


 225.1710, 13.7197,
-60.6630


 131.2400, 5.3047,
-115.0975


 234.6680, 10.0237,
-41.8048


 111.9540, 2.4877,
-98.1837

 243.9370, 5.4541,
-22.7467

 93.2550, -0.6187,
-81.7846

 253.2060, 0.8844,
-3.6887

 74.6700, -3.2883,
-65.4856

 57.4870, -5.6631,
-50.4161

 40.3040, -8.0379,

-35.3466

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 198.6510, -1.3069,
-94.4099

■ 198.6510, -1.3069,
-94.4099

■ 190.1500, -1.5530,
-108.8796

■ 207.1520, -1.0609,
-79.9403

■ 181.3500, -1.6515,
-123.9639

■ 215.9520, -0.9623,
-64.8559

■ 172.8490, -1.8976,
-138.4336

■ 224.4530, -0.7163,
-50.3863

■ 167.7940, -1.8704,
-147.1553

■ 233.2530, -0.6177,
-35.3019

 241.7540, -0.3717,
-20.8323

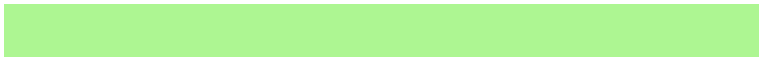
 250.2550, -0.1257,
-6.3626

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



212.7730, -32.9191, -34.8809



198.6510, -1.3069, -94.4099



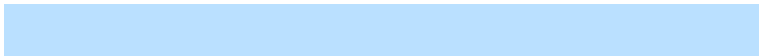
178.5270, 36.7152, -156.5682

Triad

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



198.6510, -1.3069, -94.4099



216.1720, 19.1422, -26.4608



208.0380, -27.6267, 41.1857

Complementary

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



198.6510, -1.3069, -94.4099



146.3490, 1.3069, 94.4099

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.



206.8080, -1.8773, 42.2644



198.6510, -1.3069, -94.4099



224.4760, 15.0483, 26.7695

Square

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



198.6510, -1.3069, -94.4099



185.4870, 34.2699, -118.8221



214.4970, 19.9680, 35.5211



215.5430, -47.1027, 34.6038

Rectangle

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



198.6510, -1.3069, -94.4099



178.1680, 37.8782, -156.2533



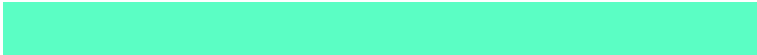
214.4970, 19.9680, 35.5211



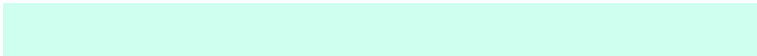
206.3400, -18.9016, 42.6748

Sweetspot

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



198.6510, -1.3069, -94.4099



238.7100, -0.3500, -27.8097



204.6210, -56.0152, -47.0256



117.7760, -0.3826, -17.3436



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.



198.6510, -1.3069, -94.4099



188.4160, -1.6841, -113.4978



192.3490, 30.3939, -88.8831



123.5430, -0.2677, -7.4922



126.1390, -1.5475, -110.6239



42.2420, -0.6123, -37.0462

Inverse Universe

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



146.3490, 1.3069, 94.4099



125.5840, 1.6841, 113.4978



152.6510, -30.3939, 88.8831



119.3430, -0.1691, 7.5922



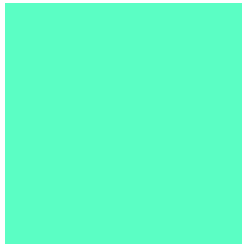
64.8610, 1.5475, 110.6239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 198.6510, -1.3069, -94.4099 looks on a white background.

Color Contrast Check

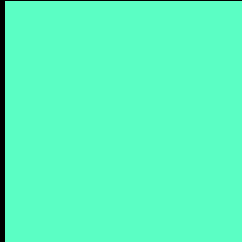
Large Text (above 18pt) WCAG AA × Fail

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 198.6510, -1.3069, -94.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

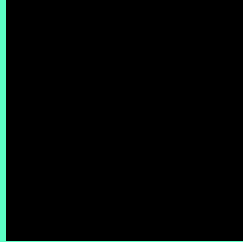
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6510, -1.3069, -94.4099

Background



This preview shows how black text looks on a background with the YUV color 198.6510, -1.3069, -94.4099.



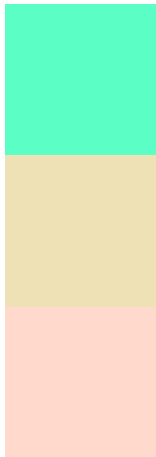
This preview shows how white text looks on a background with the YUV color 198.6510, -1.3069, -94.4099.

-94.4099.

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

198.6510, -1.3069, -94.4099

Protanopia

224.2840, -20.8460, 12.9059

Deuteranopia

226.8800, -11.2798, 24.6612



Tritanopia

216.2950, 19.0816, -53.7557

Trichromacy



Original Color

198.6510, -1.3069, -94.4099



Protanomaly

215.1650, -13.8853, -26.4547



Deuteranomaly

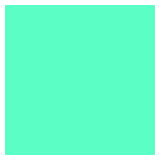
216.2290, -7.5079, -18.6178



Tritanomaly

209.9590, 11.8522, -68.3700

Monochromacy



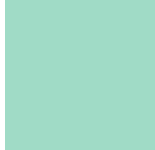
Original Color

198.6510, -1.3069, -94.4099



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.9650, -0.4757, -34.1723

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6510, -1.3069, -94.4099 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(91, 254, 196)` looks like.

```
.text, #text, p{  
    color:rgb(91, 254, 196)  
}
```

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(91, 254, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 254, 196) }
```

Border

The CSS property to change the border of an element to YUV 198.6510, -1.3069, -94.4099 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(91, 254, 196) }
```


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

```
.border{ border-color:rgb(91, 254, 196) }
```

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

Here you see how a box with a 4 pixel rgb(91, 254, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 254, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 254, 196);  
box-shadow:4px 4px 4px 4px rgb(91, 254,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 198.6510, -1.3069, -94.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 254, 196) }
```

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

```
.background{ background-color: rgb(91, 254,  
196) }
```

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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