

Converting Colors

YUV(215.6970, 19.3764,
-54.9853)

Have a look what the booklet for
YUV(215.6970, 19.3764, -54.9853)
contains.

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Color

**YUV(215.6970, 19.3764,
-54.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	99F0FF
RGB	153, 240, 255
RGB Percent	60%, 94%, 100%
CMY	0.4000, 0.0588, 0.0000
CMYK	0.40, 0.06, 0.00, 0.00
HSL	189°, 100%, 80%
HSV	189°, 40%, 100%
XYZ	62.3470, 76.3125, 106.0515
YIQ	215.6970, -56.6670, -13.7790

Conversions

Conversions Part 2

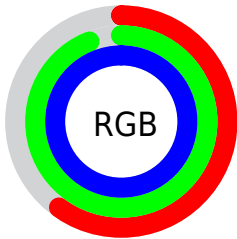
Format	Color
RYB	153, 200, 255
Decimal	10088703
CIELab	90.00, -22.48, -15.49
CIElCh	90, 27.294, 214.566
Yxy	76.3125, 0.2548, 0.3118
Android (android.graphics.Color)	4288278783 (0xFF99F0FF)
YUV	215.6970, 19.3764, -54.9853
Hunter-Lab	87.3570, -25.4788, -10.8282

Details

The YUV color **215.6970, 19.3764, -54.9853** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **192.3030, -19.3764, 54.9853**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8440, 6.4859, -27.0502**, and **159.2840, 19.0870, -55.5001** is the 20% darker color. If you saturate the color by 10%, you get **205.8740, 24.2191, -68.2955**, and if you desaturate by 10%, it is **225.8190, 14.3862, -41.0603**.

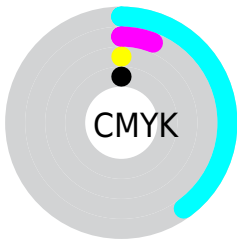
Distribution



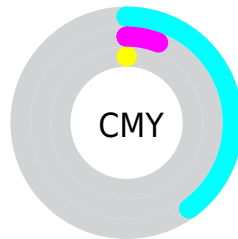
- Red (60%)
- Green (94%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.6970, 19.3764, -54.9853 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 215.6970, 19.3764, -54.9853 by changing the saturation by 10% instead.

215.6970, 19.3764,
-54.9853

215.6970, 19.3764,
-54.9853

255.0000, 0.0000,
0.0000

187.2840, 19.0870,
-55.5001

241.8440, 6.4859,
-27.0502

159.2840, 19.0870,
-55.5001

250.8140, 2.0637,
-8.6069

131.3870, 19.5292,
-57.3444

102.5820, 20.4191,
-62.7774

75.2010, 21.5929,
-65.9513

58.2630, 17.6183,
-51.0967

41.4390, 14.0806,

-36.3420

■ 26.6040, 10.5482,
-23.3317

■ 4.3660, 11.6516,
-3.8290

■ 215.6970, 19.3764,
-54.9853

■ 215.6970, 19.3764,
-54.9853

■ 205.8740, 24.2191,
-68.2955

■ 225.8190, 14.3862,
-41.0603

■ 195.7520, 29.2093,
-82.2205

■ 235.0550, 9.8329,
-27.2352

■ 186.5160, 33.7626,
-96.0455

■ 245.1770, 4.8427,
-13.3102

■ 176.3940, 38.7528,
-109.9705

■ 255.0000, 0.0000,
0.0000

■ 166.2720, 43.7429,
-123.8955

■ 156.4490, 48.5856,
-137.2058

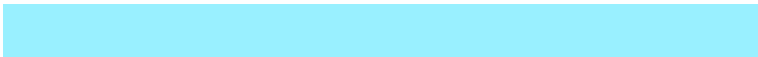
Harmonies

Analogous

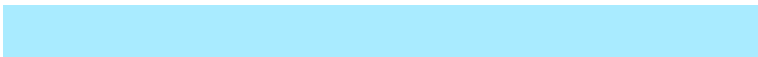
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.5270, 7.1352, -48.6972



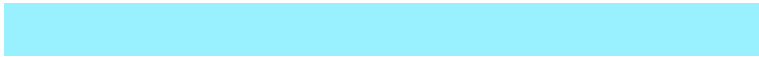
215.6970, 19.3764, -54.9853



217.5460, 18.4648, -42.5748

Triad

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



215.6970, 19.3764, -54.9853



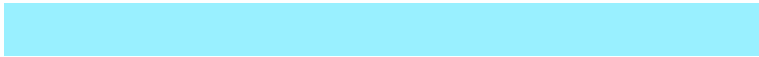
228.4880, 10.1124, 23.2510



224.8560, -25.0720, 15.0353

Complementary

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



215.6970, 19.3764, -54.9853



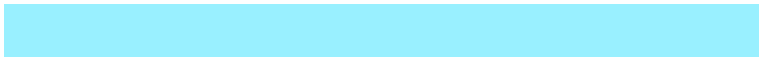
192.3030, -19.3764, 54.9853

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.



224.1440, -21.7630, 27.0607



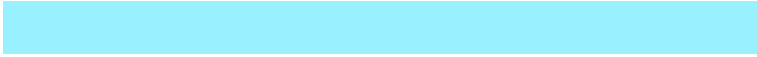
215.6970, 19.3764, -54.9853



223.7630, -0.3762, 27.3948

Square

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



215.6970, 19.3764, -54.9853



227.6000, 13.5082, 7.3668



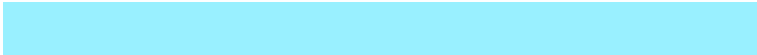
222.0870, -11.8749, 28.8647



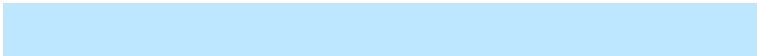
221.9070, -19.1812, -7.8114

Rectangle

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



215.6970, 19.3764, -54.9853



220.5910, 16.9636, -27.7053



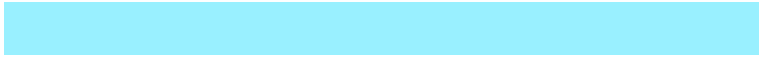
222.0870, -11.8749, 28.8647



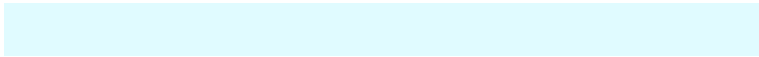
225.9000, -25.0937, 22.0127

Sweetspot

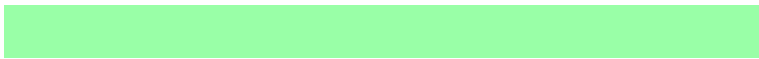
The Sweet Spot groups the original color and five complimentary colors.



215.6970, 19.3764, -54.9853



243.3830, 5.7272, -16.9989



214.4700, -23.4027, -53.9092



120.8570, 3.5215, -9.5216



0.0000, 0.0000, 0.0000



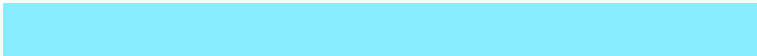
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.6970, 19.3764, -54.9853



207.9560, 23.1927, -65.7364



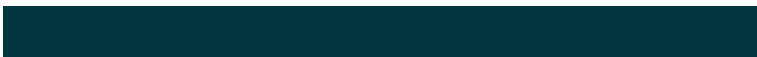
186.3470, 33.8459, -29.2453



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977

Inverse Universe

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



193.4160, 22.9659, 54.0092



181.3340, 27.4433, 64.6051



221.6530, -33.8459, 29.2453



120.1410, 2.8885, 6.8923



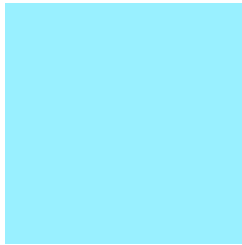
75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 215.6970, 19.3764, -54.9853 looks on a white background.

Color Contrast Check

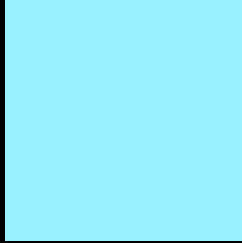
Large Text (above 18pt) WCAG AA × Fail

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 215.6970, 19.3764, -54.9853 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 215.6970, 19.3764, -54.9853

Background



This preview shows how black text looks on a background with the YUV color 215.6970, 19.3764, -54.9853.



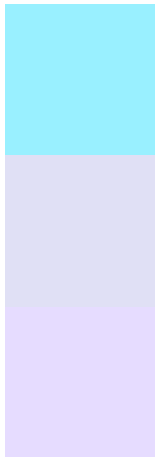
This preview shows how white text looks on a background with the YUV color 215.6970, 19.3764, -54.9853.

-54.9853.

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

215.6970, 19.3764, -54.9853

Protanopia

226.3940, 9.1728, -2.0995

Deuteranopia

226.9800, 13.8139, 2.6485



Tritanopia

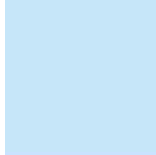
217.8120, 18.3337, -47.1931

Trichromacy



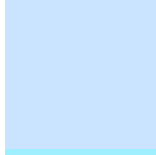
Original Color

215.6970, 19.3764, -54.9853



Protanomaly

222.5980, 13.0162, -21.5724



Deuteranomaly

222.7170, 15.9155, -18.1688



Tritanomaly

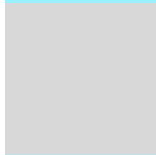
217.2030, 18.6339, -50.1670

Monochromacy



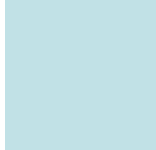
Original Color

215.6970, 19.3764, -54.9853



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0020, 6.9010, -20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.6970, 19.3764, -54.9853 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, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 240, 255)  
}
```

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, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 215.6970, 19.3764, -54.9853 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, 240, 255) }
```


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

```
.border{ border-color:rgb(153, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 215.6970, 19.3764, -54.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 240, 255) }
```

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

```
.background{ background-color: rgb(153,  
240, 255) }
```

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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