

Converting Colors

YUV(199.4530, 25.9057,
-95.9903)

Have a look what the booklet for
YUV(199.4530, 25.9057, -95.9903)
contains.

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Color

**YUV(199.4530, 25.9057,
-95.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	5AF5FC
RGB	90, 245, 252
RGB Percent	35%, 96%, 99%
CMY	0.6471, 0.0392, 0.0118
CMYK	0.64, 0.03, 0.00, 0.01
HSL	183°, 96%, 67%
HSV	183°, 64%, 99%
XYZ	54.4395, 74.5067, 103.6074
YIQ	199.4530, -94.6270, -30.6830

Conversions

Conversions Part 2

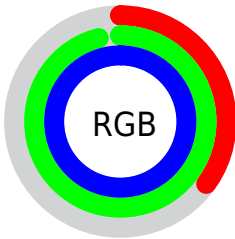
Format	Color
R_{YB}	90, 169, 252
Decimal	5961212
CIE _{Lab}	89.16, -38.05, -15.40
CIE _{LCh}	89, 41.046, 202.041
Yxy	74.5067, 0.2341, 0.3204
Android (android.graphics.Color)	4284151292 (0xFF5AF5FC)
YUV	199.4530, 25.9057, -95.9903
Hunter-Lab	86.3173, -38.4769, -10.7442

Details

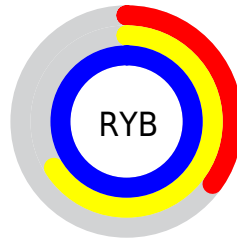
The YUV color **199.4530, 25.9057, -95.9903** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **142.5470, -25.9057, 95.9903**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **132.5860, 30.7701, -116.2779** is the 20% darker color. If you saturate the color by 10%, you get **191.3910, 29.8802, -110.8449**, and if you desaturate by 10%, it is **207.5150, 21.9311, -81.1357**.

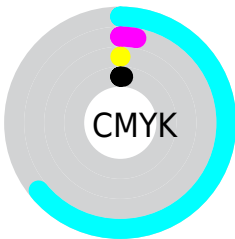
Distribution



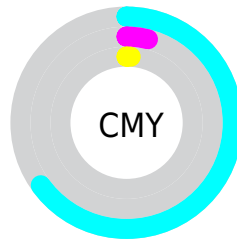
- Red (35%)
- Green (96%)
- Blue (99%)



- Red (35%)
- Yellow (66%)
- Blue (99%)



- Cyan (64%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (65%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4530, 25.9057, -95.9903 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 199.4530, 25.9057, -95.9903 by changing the saturation by 10% instead.

199.4530, 25.9057,
-95.9903

199.4530, 25.9057,
-95.9903

255.0000, 0.0000,
0.0000

166.2670, 27.9694,
-104.5972

225.6980, 14.4459,
-60.2481

132.5860, 30.7701,
-116.2779

235.2660, 9.7289,
-40.5753

113.6590, 26.7901,
-99.6789

244.5350, 5.1592,
-21.5172

94.8460, 23.2469,
-83.1799

253.8040, 0.5896,
-2.4591

76.6200, 19.4143,
-67.1957

59.2090, 16.1660,
-51.9263

42.3850, 12.6282,

-37.1716

■ 28.1370, 8.8065,
-24.6761

■ 3.5510, 11.0674,
-3.1142

■ 199.4530, 25.9057,
-95.9903

■ 199.4530, 25.9057,
-95.9903

■ 191.3910, 29.8802,
-110.8449

■ 207.5150, 21.9311,
-81.1357

■ 183.3290, 33.8548,
-125.6995

■ 215.5770, 17.9565,
-66.2810

■ 174.9680, 37.9768,
-141.1689

■ 223.9380, 13.8346,
-50.8116

■ 170.1950, 40.3299,
-149.2610

■ 232.0000, 9.8600,
-35.9570

240.0620, 5.8854,
-21.1024

248.7110, 1.6215,
-6.7625

253.4840, -0.7316,
1.3295

254.0710, -1.0210,
0.8147

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



206.5540, 2.6849, -68.0149



199.4530, 25.9057, -95.9903



199.5510, 27.3364, -88.1832

Triad

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



199.4530, 25.9057, -95.9903



225.0630, 14.7589, 26.2547



220.8550, -36.9035, 29.9452

Complementary

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



199.4530, 25.9057, -95.9903



142.5470, -25.9057, 95.9903

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.



215.2760, -25.2791, 34.8379



199.4530, 25.9057, -95.9903



217.6140, 9.0643, 32.7875

Square

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



199.4530, 25.9057, -95.9903



221.0220, 16.7512, -6.1583



213.7550, -8.2602, 36.1719



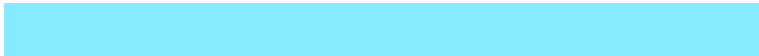
218.7760, -33.9066, 1.9504

Rectangle

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



199.4530, 25.9057, -95.9903



207.0810, 23.6241, -64.0920



213.7550, -8.2602, 36.1719



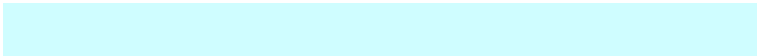
218.3760, -33.7094, 32.1192

Sweetspot

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



199.4530, 25.9057, -95.9903



239.4740, 7.6543, -28.4797



185.6640, -44.6974, -83.8973



117.8560, 5.0010, -17.4137



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.



199.4530, 25.9057, -95.9903



191.7000, 31.2069, -116.3779



153.0800, 48.7676, -55.3212



120.5260, 2.2057, -7.4773



127.7930, 30.1751, -112.0745



41.5870, 9.5706, -36.4718

Inverse Universe

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



156.1080, 43.8238, 84.0973



139.0360, 53.2263, 101.7004



188.9200, -48.7676, 55.3212



117.2550, 3.3253, 6.7924



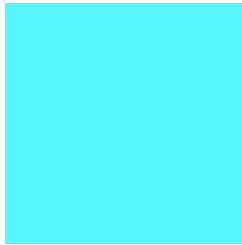
77.1450, 51.2005, 98.0968



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 199.4530, 25.9057, -95.9903 looks on a white background.

Color Contrast Check

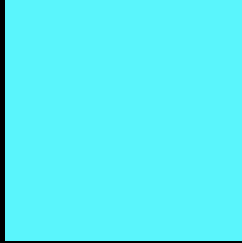
Large Text (above 18pt) WCAG AA × Fail

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 199.4530, 25.9057, -95.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

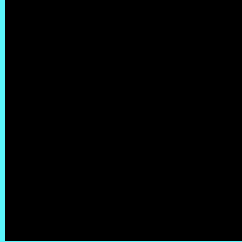
Any Text WCAG AA ✓ Pass

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 199.4530, 25.9057, -95.9903 Background



This preview shows how black text looks on a background with the YUV color 199.4530, 25.9057, -95.9903.



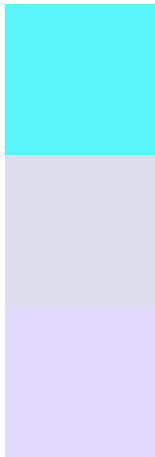
This preview shows how white text looks on a background with the YUV color 199.4530, 25.9057, -95.9903.

-95.9903.

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

199.4530, 25.9057, -95.9903

Protanopia

223.1230, 6.8414, -0.9849

Deuteranopia

224.0230, 15.2717, 1.7338



Tritanopia

209.7280, 22.3191, -65.5365

Trichromacy



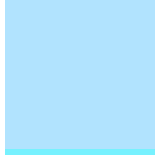
Original Color

199.4530, 25.9057, -95.9903



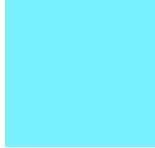
Protanomaly

214.6240, 13.4964, -35.6272



Deuteranomaly

215.1280, 19.1639, -33.4383



Tritanomaly

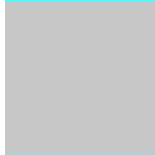
206.0040, 23.6620, -76.3025

Monochromacy



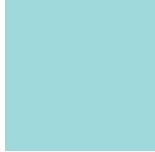
Original Color

199.4530, 25.9057, -95.9903



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.1850, 9.2758, -35.2422

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4530, 25.9057, -95.9903 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(90, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(90, 245, 252)  
}
```

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(90, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 245, 252) }
```

Border

The CSS property to change the border of an element to YUV 199.4530, 25.9057, -95.9903 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(90, 245, 252) }
```


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

```
.border{ border-color:rgb(90, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(90, 245,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 199.4530, 25.9057, -95.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 245, 252) }
```

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

```
.background{ background-color: rgb(90, 245,  
252) }
```

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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