

Converting Colors

YUV(169.4520, -9.5898,
-97.7434)

Have a look what the booklet for
YUV(169.4520, -9.5898, -97.7434)
contains.

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Color

**YUV(169.4520, -9.5898,
-97.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	3AE696
RGB	58, 230, 150
RGB Percent	23%, 90%, 59%
CMY	0.7725, 0.0980, 0.4118
CMYK	0.75, 0.00, 0.35, 0.10
HSL	152°, 77%, 56%
HSV	152°, 75%, 90%
XYZ	35.5468, 59.6952, 38.5030
YIQ	169.4520, -76.8320, -61.3440

Conversions

Conversions Part 2

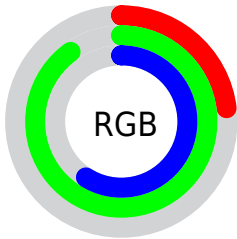
Format	Color
RYB	58, 170, 230
Decimal	3860118
CIELab	81.67, -60.76, 26.97
CIELCh	82, 66.479, 156.065
Yxy	59.6952, 0.2658, 0.4463
Android (android.graphics.Color)	4282050198 (0xFF3AE696)
YUV	169.4520, -9.5898, -97.7434
Hunter-Lab	77.2627, -53.0859, 24.5374

Details

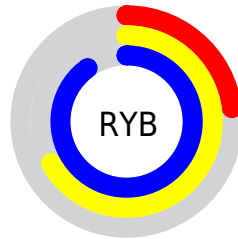
The YUV color **169.4520, -9.5898, -97.7434** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **118.5480, 9.5898, 97.7434**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6260, -3.2666, -72.4630**, and **112.7230, -7.2584, -98.8581** is the 20% darker color. If you saturate the color by 10%, you get **161.3210, -11.0043, -110.7835**, and if you desaturate by 10%, it is **177.5830, -8.1754, -84.7033**.

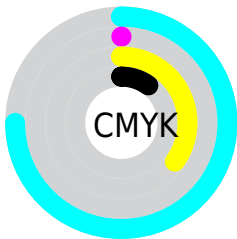
Distribution



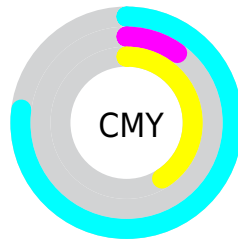
- Red (23%)
- Green (90%)
- Blue (59%)



- Red (23%)
- Yellow (67%)
- Blue (90%)



- Cyan (75%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)



- Cyan (77%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4520, -9.5898, -97.7434 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 169.4520, -9.5898, -97.7434 by changing the saturation by 10% instead.

■ 169.4520, -9.5898,
-97.7434

■ 169.4520, -9.5898,
-97.7434

255.0000, 0.0000,
0.0000

■ 132.1230, -4.0046,
-115.8719

■ 211.6260, -3.2666,
-72.4630

■ 112.7230, -7.2584,
-98.8581

■ 224.0870, 4.3941,
-56.2043

■ 94.1380, -9.9280,
-82.5590

■ 235.8640, 9.4340,
-39.3457

■ 75.5530, -12.5976,
-66.2600

■ 245.1330, 4.8644,
-20.2876

■ 57.7830, -14.6830,
-50.6757

254.4020, 0.2948,
-1.2296

■ 39.7850, -17.6420,
-34.8914

■ 25.8280, -12.7332,

-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 169.4520, -9.5898,
-97.7434

■ 169.4520, -9.5898,
-97.7434

■ 161.3210,
-11.0043, -110.7835

■ 177.5830, -8.1754,
-84.7033

■ 153.3040,
-11.9819, -123.9236


■ 185.6000, -7.1978,
-71.5632


■ 149.0320,
-12.8338, -130.7011


■ 193.7310, -5.7834,
-58.5231

■ 201.8620, -4.3690,
-45.4830

 209.8790, -3.3913,
-32.3429

 218.0100, -1.9769,
-19.3028

 226.1410, -0.5625,
-6.2627

 234.2720, 0.8519,
6.7775

 239.2990, 3.3036,
13.7698

Harmonies

Analogous

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



188.0380, -44.8817, -24.5893



169.4520, -9.5898, -97.7434



161.7540, 25.7573, -141.8583

Triad

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



169.4520, -9.5898, -97.7434



181.0880, 36.4386, -67.6062



184.1530, -25.2184, 62.1328

Complementary

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



169.4520, -9.5898, -97.7434



118.5480, 9.5898, 97.7434

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.



184.5360, 4.1728, 61.7969



169.4520, -9.5898, -97.7434



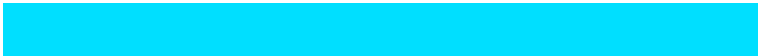
201.9940, 26.1320, 18.4223

Square

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



169.4520, -9.5898, -97.7434



159.9710, 46.8493, -140.2946



197.4740, 28.3603, 50.4503



192.4100, -51.9671, 54.8914

Rectangle

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



169.4520, -9.5898, -97.7434



165.8410, 43.9554, -145.4426



197.4740, 28.3603, 50.4503



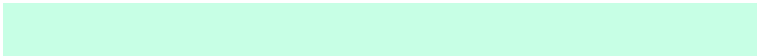
183.3840, -15.4723, 62.8072

Sweetspot

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



169.4520, -9.5898, -97.7434



235.2920, -3.1020, -31.8281



182.8840, -61.5678, -39.3633



116.0100, -1.9769, -19.3028



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.



169.4520, -9.5898, -97.7434



174.0320, -12.8338, -130.7011



175.0500, 27.0904, -102.6528



110.7280, -0.8519, -6.7775



115.9030, -10.3052, -101.6469



33.0150, -2.9654, -28.9542

Inverse Universe

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



118.5480, 9.5898, 97.7434



105.9680, 12.8338, 130.7011



112.9500, -27.0903, 102.6529



107.2720, 0.8519, 6.7775



62.9830, 9.8684, 101.7469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 169.4520, -9.5898, -97.7434 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 169.4520, -9.5898, -97.7434 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

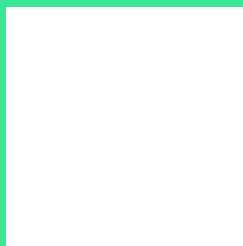
Any Text WCAG AAA ✓ Pass

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

YUV 169.4520, -9.5898, -97.7434 Background



This preview shows how black text looks on a background with the YUV color 169.4520, -9.5898, -97.7434.



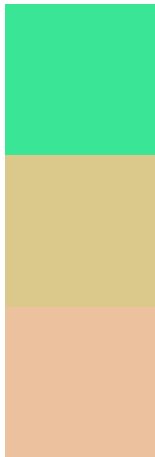
This preview shows how white text looks on a background with the YUV color 169.4520, -9.5898, -97.7434.

-97.7434.

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

169.4520, -9.5898, -97.7434

Protanopia

198.9010, -30.0242, 16.7498

Deuteranopia

201.5680, -21.4790, 29.3199



Tritanopia

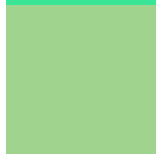
184.2750, 25.9934, -77.4172

Trichromacy



Original Color

169.4520, -9.5898, -97.7434



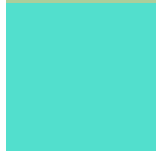
Protanomaly

188.4720, -22.9107, -24.9699



Deuteranomaly

189.7210, -17.1175, -16.4183



Tritanomaly

178.7890, 12.9220, -84.8840

Monochromacy



Original Color

169.4520, -9.5898, -97.7434



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1560, -3.5279, -35.2168

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4520, -9.5898, -97.7434 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(58, 230, 150)` looks like.

```
.text, #text, p{  
    color:rgb(58, 230, 150)  
}
```

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(58, 230, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 230, 150) }
```

Border

The CSS property to change the border of an element to YUV 169.4520, -9.5898, -97.7434 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(58, 230, 150) }
```


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

```
.border{ border-color:rgb(58, 230, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 230, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 230, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 230, 150);  
box-shadow:4px 4px 4px 4px rgb(58, 230,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 169.4520, -9.5898, -97.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 230, 150) }
```

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

```
.background{ background-color: rgb(58, 230,  
150) }
```

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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