

Converting Colors

YUV(225.9460, 4.9566,
-49.9416)

Have a look what the booklet for
YUV(225.9460, 4.9566, -49.9416)
contains.

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Color

**YUV(225.9460, 4.9566,
-49.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FDEC
RGB	169, 253, 236
RGB Percent	66%, 99%, 93%
CMY	0.3373, 0.0078, 0.0745
CMYK	0.33, 0.00, 0.07, 0.01
HSL	168°, 95%, 83%
HSV	168°, 33%, 99%
XYZ	66.6278, 84.7417, 92.2020
YIQ	225.9460, -44.6070, -23.0950

Conversions

Conversions Part 2

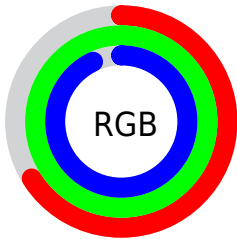
Format	Color
RYB	169, 216, 253
Decimal	11140588
CIELab	93.77, -28.99, 0.05
CIELCh	94, 28.991, 179.909
Yxy	84.7417, 0.2735, 0.3479
Android (android.graphics.Color)	4289330668 (0xFFA9FDEC)
YUV	225.9460, 4.9566, -49.9416
Hunter-Lab	92.0553, -31.9019, 5.0542

Details

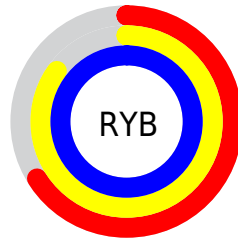
The YUV color **225.9460, 4.9566, -49.9416** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **196.0540, -4.9566, 49.9416**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3290, 4.2748, -17.8285**, and **169.3590, 5.2460, -49.4268** is the 20% darker color. If you saturate the color by 10%, you get **217.9010, 6.4578, -64.8112**, and if you desaturate by 10%, it is **233.9910, 3.4554, -35.0721**.

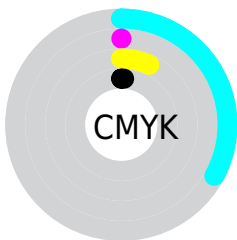
Distribution



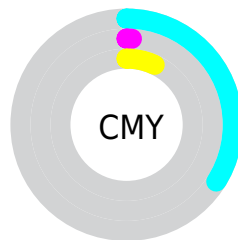
- Red (66%)
- Green (99%)
- Blue (93%)



- Red (66%)
- Yellow (85%)
- Blue (99%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (34%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.9460, 4.9566, -49.9416 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 225.9460, 4.9566, -49.9416 by changing the saturation by 10% instead.

225.9460, 4.9566,
-49.9416

225.9460, 4.9566,
-49.9416

255.0000, 0.0000,
0.0000

197.3590, 5.2460,
-49.4268

246.3290, 4.2748,
-17.8285

169.3590, 5.2460,
-49.4268

142.3590, 5.2460,
-49.4268

115.2880, 6.2670,
-50.2416

87.6080, 7.5883,
-54.0302

62.4230, 8.1725,
-54.7450

45.7130, 5.0715,

-40.0903

■ 29.7040, 2.1179,
-26.0504

■ 14.3960, -0.6882,
-12.6253

■ 225.9460, 4.9566,
-49.9416

■ 225.9460, 4.9566,
-49.9416

■ 217.9010, 6.4578,
-64.8112

■ 233.9910, 3.4554,
-35.0721

■ 209.5570, 8.1064,
-80.2955

■ 242.3350, 1.8068,
-19.5878

■ 201.5120, 9.6076,
-95.1650

■ 250.3800, 0.3057,
-4.7183

■ 193.4670, 11.1088,
-110.0346

■ 253.8260, 0.5788,
1.0296

■ 185.3080, 12.1732,
-124.8041

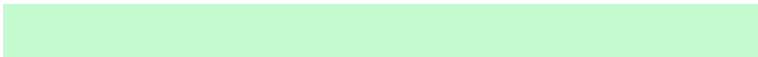
■ 176.9640, 13.8217,
-140.2884

■ 171.5390, 15.0173,
-150.4397

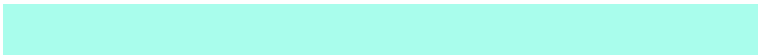
Harmonies

Analogous

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



229.0660, -10.3855, -28.9989



225.9460, 4.9566, -49.9416



224.2360, 15.1667, -58.0890

Triad

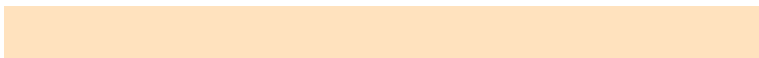
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.9460, 4.9566, -49.9416



236.4380, 9.1511, 4.8779



230.5670, -19.9995, 21.4277

Complementary

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



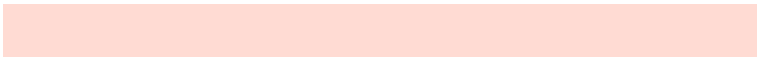
225.9460, 4.9566, -49.9416



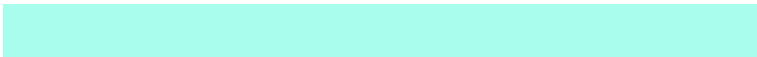
196.0540, -4.9566, 49.9416

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.



228.8520, -8.8010, 22.9318



225.9460, 4.9566, -49.9416



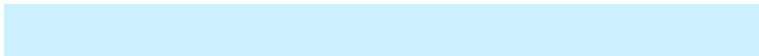
235.0420, 9.8393, 17.5032

Square

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



225.9460, 4.9566, -49.9416



230.9460, 11.8586, -23.6316



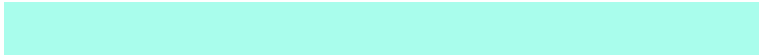
230.7560, 3.5713, 21.2620



234.8240, -26.5352, 17.6944

Rectangle

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



225.9460, 4.9566, -49.9416



224.2690, 15.1504, -52.8559



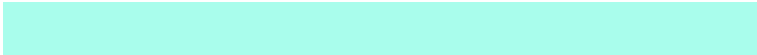
230.7560, 3.5713, 21.2620



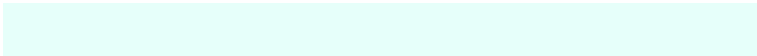
229.3760, -16.9474, 22.4722

Sweetspot

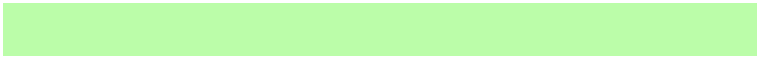
The Sweet Spot groups the original color and five complimentary colors.



225.9460, 4.9566, -49.9416



246.9550, 1.5012, -14.8695



223.6900, -26.9622, -32.1771



122.7600, 0.6113, -9.4365



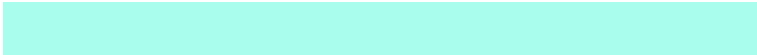
0.0000, 0.0000, 0.0000



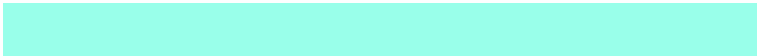
128.0000, 0.0000, 0.0000

Same Dimension

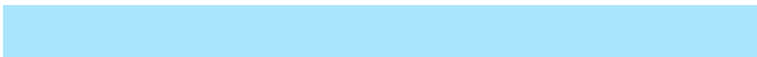
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.9460, 4.9566, -49.9416



222.1080, 5.8628, -60.6077



213.7960, 19.3276, -39.2861



123.7710, 0.6059, -7.6922



129.5590, 11.5564, -113.6232



43.3820, 3.7557, -38.0460

Inverse Universe

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



196.0540, -4.9566, 49.9416



185.8920, -5.8628, 60.6077



208.2040, -19.3276, 39.2861



119.1150, -1.0427, 7.7921



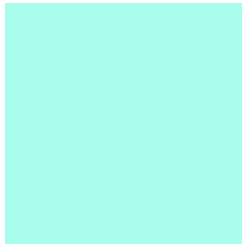
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 225.9460, 4.9566, -49.9416 looks on a white background.

Color Contrast Check

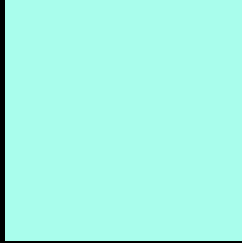
Large Text (above 18pt) WCAG AA × Fail

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 225.9460, 4.9566, -49.9416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

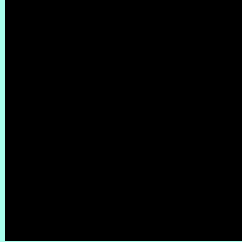
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

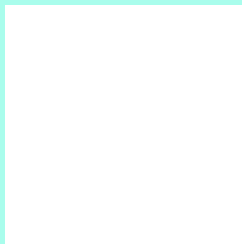
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.9460, 4.9566, -49.9416

Background



This preview shows how black text looks on a background with the YUV color 225.9460, 4.9566, -49.9416.



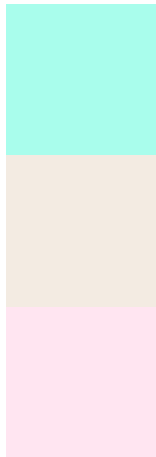
This preview shows how white text looks on a background with the YUV color 225.9460, 4.9566, -49.9416.

-49.9416.

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

225.9460, 4.9566, -49.9416

Protanopia

236.3660, -5.1104, 5.8180

Deuteranopia

238.1420, 1.4090, 14.7845



Tritanopia

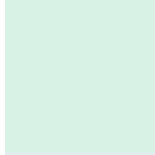
233.0060, 10.8430, -24.5613

Trichromacy



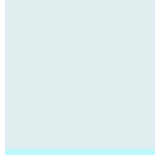
Original Color

225.9460, 4.9566, -49.9416



Protanomaly

232.8580, -1.4090, -14.7845



Deuteranomaly

233.9280, 2.5005, -8.7069



Tritanomaly

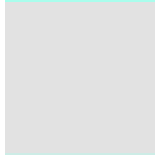
230.6690, 8.5442, -33.9127

Monochromacy



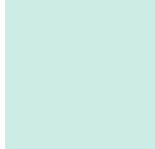
Original Color

225.9460, 4.9566, -49.9416



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

226.0470, 1.9488, -18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.9460, 4.9566, -49.9416 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(169, 253, 236)` looks like.

```
.text, #text, p{  
    color:rgb(169, 253, 236)  
}
```

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(169, 253, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 253, 236) }
```

Border

The CSS property to change the border of an element to YUV 225.9460, 4.9566, -49.9416 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(169, 253, 236) }
```


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

```
.border{ border-color:rgb(169, 253, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 253, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 253, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 253, 236);  
box-shadow:4px 4px 4px 4px rgb(169, 253,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 225.9460, 4.9566, -49.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 253, 236) }
```

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

```
.background{ background-color: rgb(169,  
253, 236) }
```

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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