

Converting Colors

YUV(222.6610, -6.2419,
-51.4457)

Have a look what the booklet for
YUV(222.6610, -6.2419, -51.4457)
contains.

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Color

**YUV(222.6610, -6.2419,
-51.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FFD2
RGB	164, 255, 210
RGB Percent	64%, 100%, 82%
CMY	0.3569, 0.0000, 0.1765
CMYK	0.36, 0.00, 0.18, 0.00
HSL	150°, 100%, 82%
HSV	150°, 36%, 100%
XYZ	62.7027, 84.0657, 73.8943
YIQ	222.6610, -39.7910, -33.2870

Conversions

Conversions Part 2

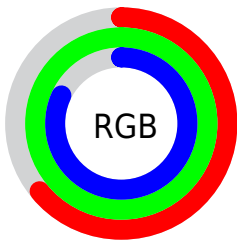
Format	Color
RYB	164, 224, 255
Decimal	10813394
CIELab	93.48, -36.63, 13.00
CIELCh	93, 38.867, 160.460
Yxy	84.0657, 0.2842, 0.3810
Android (android.graphics.Color)	4289003474 (0xFFA4FFD2)
YUV	222.6610, -6.2419, -51.4457
Hunter-Lab	91.6873, -38.3811, 16.3971

Details

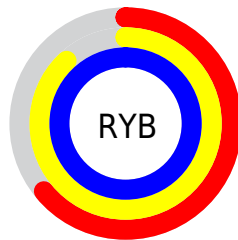
The YUV color **222.6610, -6.2419, -51.4457** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **196.3390, 6.2419, 51.4457**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **166.1880, -5.5157, -51.0309** is the 20% darker color. If you saturate the color by 10%, you get **213.7040, -8.2351, -65.5154**, and if you desaturate by 10%, it is **231.9170, -4.3961, -36.7612**.

Distribution



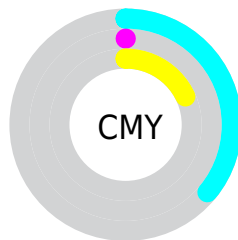
- Red (64%)
- Green (100%)
- Blue (82%)



- Red (64%)
- Yellow (88%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6610, -6.2419, -51.4457 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 222.6610, -6.2419, -51.4457 by changing the saturation by 10% instead.


 222.6610, -6.2419,
-51.4457

 222.6610, -6.2419,
-51.4457


255.0000, 0.0000,
0.0000

 194.0740, -5.9525,
-50.9309


 244.8340, 5.0118,
-20.9024


 166.1880, -5.5157,
-51.0309

 253.8040, 0.5896,
-2.4591

 138.7150, -4.7895,
-50.6161

 111.3450, -3.6211,
-52.0456

 82.8820, -1.4208,
-57.7785

 60.5020, -1.7265,
-53.0603

 43.9060, -4.3907,

-38.5056

■ 28.0110, -6.9074,
-24.5656

■ 11.7400, -5.7878,
-10.2960

■ 222.6610, -6.2419,
-51.4457

■ 222.6610, -6.2419,
-51.4457

■ 213.7040, -8.2351,
-65.5154

■ 231.9170, -4.3961,
-36.7612

■ 204.5620, -9.6441,
-80.2999

■ 240.7600, -2.8397,
-22.5915

■ 195.6050,
-11.6373, -94.3696

■ 250.0160, -0.9939,
-7.9070

■ 186.4630,
-13.0463, -109.1541

■ 255.0000, 0.0000,
0.0000

■ 177.2070,
-14.8921, -123.8385

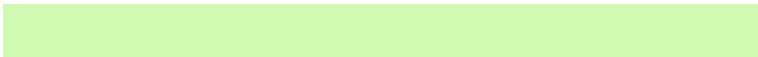
■ 168.2500,
-16.8852, -137.9083

■ 164.3910,
-17.4478, -144.1709

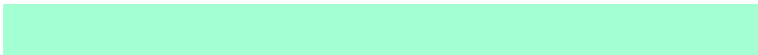
Harmonies

Analogous

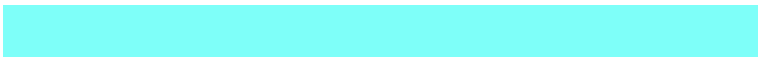
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6470, -24.9690, -18.1074



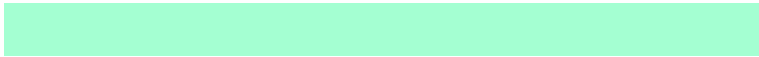
222.6610, -6.2419, -51.4457



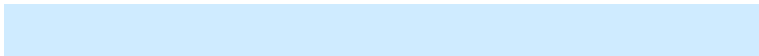
215.7450, 16.3947, -78.7064

Triad

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



222.6610, -6.2419, -51.4457



228.9080, 12.8634, -19.2133



223.4090, -16.9636, 27.7053

Complementary

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



222.6610, -6.2419, -51.4457



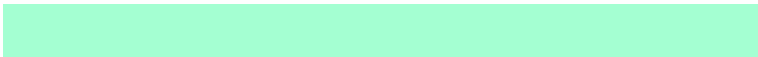
196.3390, 6.2419, 51.4457

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.



223.8770, 0.0606, 27.2949



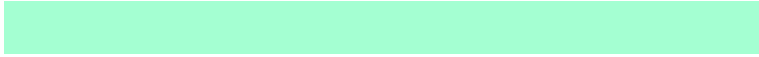
222.6610, -6.2419, -51.4457



235.6290, 9.5499, 16.9884

Square

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



222.6610, -6.2419, -51.4457



219.5070, 17.4980, -59.2036



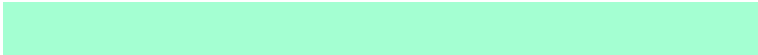
229.1720, 12.7332, 22.6512



227.8310, -30.4827, 23.8272

Rectangle

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



222.6610, -6.2419, -51.4457



212.8410, 20.7844, -86.6836



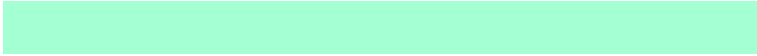
229.1720, 12.7332, 22.6512



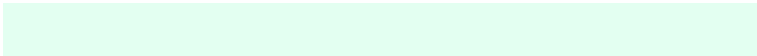
222.9020, -11.2907, 28.1499

Sweetspot

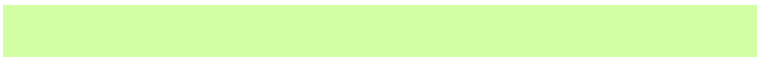
The Sweet Spot groups the original color and five complimentary colors.



222.6610, -6.2419, -51.4457



245.0320, -1.9878, -15.8141



231.1710, -33.1153, -18.5670



121.8910, -1.4253, -9.5514



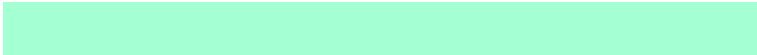
0.0000, 0.0000, 0.0000



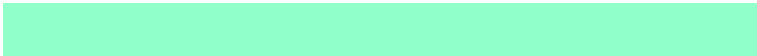
128.0000, 0.0000, 0.0000

Same Dimension

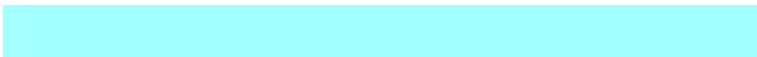
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6610, -6.2419, -51.4457



215.9540, -7.3723, -62.2267



227.7910, 13.4140, -55.9447



123.3150, -1.1413, -7.2923



123.1750, -12.9043, -108.0245



41.2160, -4.5435, -36.1464

Inverse Universe

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



196.3390, 6.2419, 51.4457



184.1600, 7.8091, 62.1267



191.2090, -13.4140, 55.9447



119.5710, 0.7045, 7.3922



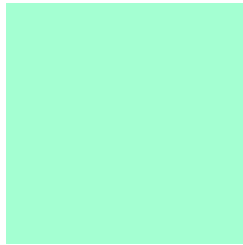
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 222.6610, -6.2419, -51.4457 looks on a white background.

Color Contrast Check

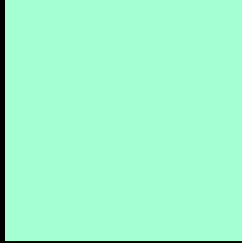
Large Text (above 18pt) WCAG AA × Fail

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 222.6610, -6.2419, -51.4457 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 222.6610, -6.2419, -51.4457

Background



This preview shows how black text looks on a background with the YUV color 222.6610, -6.2419, -51.4457.



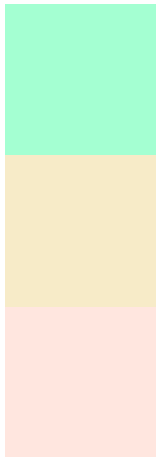
This preview shows how white text looks on a background with the YUV color 222.6610, -6.2419, -51.4457.

-51.4457.

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

222.6610, -6.2419, -51.4457

Protanopia

234.5980, -17.0568, 10.8766

Deuteranopia

236.6770, -6.7428, 16.0693



Tritanopia

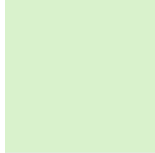
232.1090, 11.2853, -26.4056

Trichromacy



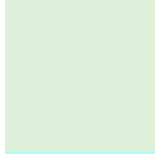
Original Color

222.6610, -6.2419, -51.4457



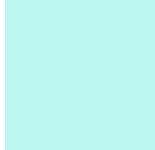
Protanomaly

230.1930, -12.9131, -11.5703



Deuteranomaly

231.5230, -6.6668, -8.3517



Tritanomaly

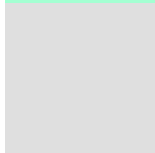
228.4470, 5.2026, -35.4720

Monochromacy



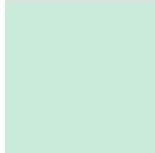
Original Color

222.6610, -6.2419, -51.4457



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1950, -2.5611, -18.5880

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6610, -6.2419, -51.4457 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(164, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 210)  
}
```

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(164, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 210) }
```

Border

The CSS property to change the border of an element to YUV 222.6610, -6.2419, -51.4457 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(164, 255, 210) }
```


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

```
.border{ border-color:rgb(164, 255, 210) }
```

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

Here you see how a box with a 4 pixel rgb(164, 255, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 222.6610, -6.2419, -51.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 210) }
```

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

```
.background{ background-color: rgb(164,  
255, 210) }
```

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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