

Converting Colors

YUV(221.9630, 2.4832,
-49.9566)

Have a look what the booklet for
YUV(221.9630, 2.4832, -49.9566)
contains.

YUV(221.9630, 2.4832, -49.9566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(221.9630, 2.4832,
-49.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FAE3
RGB	165, 250, 227
RGB Percent	65%, 98%, 89%
CMY	0.3529, 0.0196, 0.1098
CMYK	0.34, 0.00, 0.09, 0.02
HSL	164°, 89%, 81%
HSV	164°, 34%, 98%
XYZ	63.5678, 81.9166, 85.1342
YIQ	221.9630, -43.2770, -25.1730

Conversions

Conversions Part 2

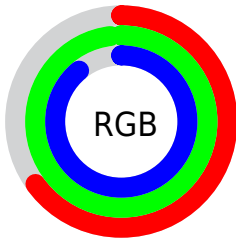
Format	Color
RYB	165, 214, 250
Decimal	10877667
CIELab	92.54, -30.58, 2.88
CIELCh	93, 30.716, 174.614
Yxy	81.9166, 0.2756, 0.3552
Android (android.graphics.Color)	4289067747 (0xFFA5FAE3)
YUV	221.9630, 2.4832, -49.9566
Hunter-Lab	90.5078, -33.0199, 7.5856

Details

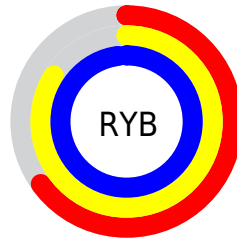
The YUV color **221.9630, 2.4832, -49.9566** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **193.0370, -2.4832, 49.9566**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **165.7890, 3.0620, -48.9270** is the 20% darker color. If you saturate the color by 10%, you get **213.6900, 3.1108, -64.6261**, and if you desaturate by 10%, it is **230.2360, 1.8557, -35.2870**.

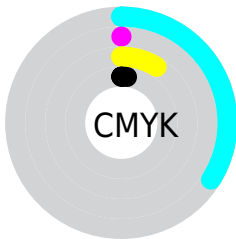
Distribution



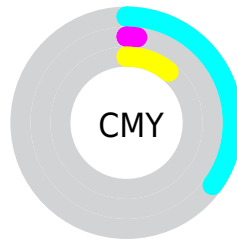
- Red (65%)
- Green (98%)
- Blue (89%)



- Red (65%)
- Yellow (84%)
- Blue (98%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (35%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.9630, 2.4832, -49.9566 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 221.9630, 2.4832, -49.9566 by changing the saturation by 10% instead.

221.9630, 2.4832,
-49.9566

221.9630, 2.4832,
-49.9566

255.0000, 0.0000,
0.0000

193.3760, 2.7726,
-49.4418

245.1330, 4.8644,
-20.2876

165.7890, 3.0620,
-48.9270

254.1030, 0.4422,
-1.8443

138.4900, 3.2094,
-49.5417

111.4190, 4.2304,
-50.3565

83.1410, 5.8465,
-55.3747

59.7500, 5.5462,
-52.4008

43.1540, 2.8821,

-37.8461

■ 27.8460, 0.0759,
-24.4209

■ 9.6200, -3.7567,
-8.4367

■ 221.9630, 2.4832,
-49.9566

■ 221.9630, 2.4832,
-49.9566

■ 213.6900, 3.1108,
-64.6261

■ 230.2360, 1.8557,
-35.2870

■ 205.4170, 3.7384,
-79.2957

■ 238.5090, 1.2281,
-20.6174

■ 197.2580, 4.8028,
-94.0653

■ 246.6680, 0.1637,
-5.8478

■ 188.9850, 5.4304,
-108.7348

■ 251.9510, 1.0102,
2.6740

■ 180.7120, 6.0580,
-123.4044

■ 252.0650, 1.4470,
2.5740

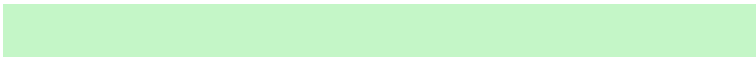
■ 172.4390, 6.6856,
-138.0740

■ 167.4980, 7.1495,
-146.8957

Harmonies

Analogous

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



225.6920, -13.1592, -26.0399



221.9630, 2.4832, -49.9566



220.0720, 17.2195, -63.2071

Triad

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



221.9630, 2.4832, -49.9566



231.9750, 11.3513, -0.8551



226.7030, -19.5736, 24.8165

Complementary

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



221.9630, 2.4832, -49.9566



193.0370, -2.4832, 49.9566

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.



225.2160, -7.5015, 26.1206



221.9630, 2.4832, -49.9566



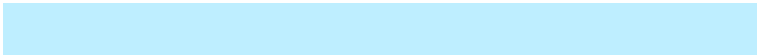
233.2810, 10.7075, 19.0476

Square

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



221.9630, 2.4832, -49.9566



225.5860, 14.5011, -31.2089



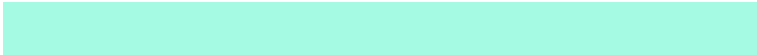
228.6360, 5.6025, 23.1212



231.2050, -27.7091, 20.8682

Rectangle

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



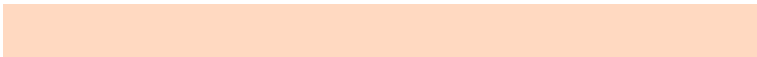
221.9630, 2.4832, -49.9566



219.7950, 17.3561, -60.3332



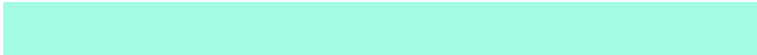
228.6360, 5.6025, 23.1212



225.6260, -16.0846, 25.7610

Sweetspot

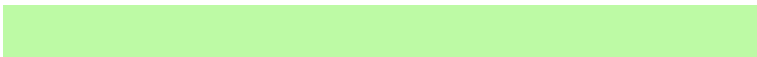
The Sweet Spot groups the original color and five complimentary colors.



221.9630, 2.4832, -49.9566



246.7270, 0.6276, -14.6696



222.0710, -28.1360, -29.0033



122.6460, 0.1745, -9.3365



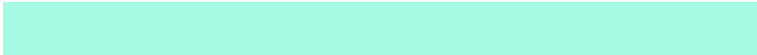
0.0000, 0.0000, 0.0000



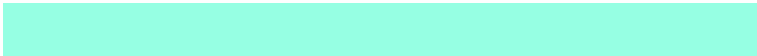
128.0000, 0.0000, 0.0000

Same Dimension

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



221.9630, 2.4832, -49.9566



220.4130, 3.2474, -61.7522



214.0190, 17.7386, -42.9897



120.7710, 0.6059, -7.6922



126.6750, 5.5832, -111.0940



40.9370, 2.0031, -35.9017

Inverse Universe

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



193.0370, -2.4832, 49.9566



184.7010, -2.8106, 61.6522



200.9810, -17.7386, 42.9897



116.3430, -0.1691, 7.5922



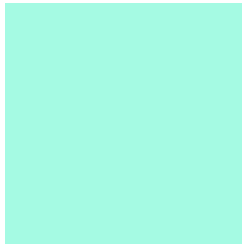
62.3250, -5.5832, 111.0940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 221.9630, 2.4832, -49.9566 looks on a white background.

Color Contrast Check

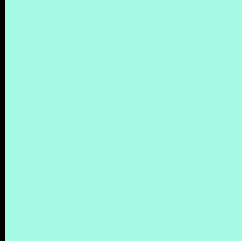
Large Text (above 18pt) WCAG AA × Fail

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 221.9630, 2.4832, -49.9566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

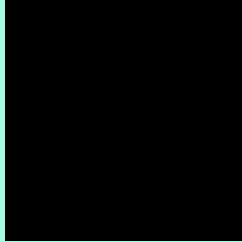
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

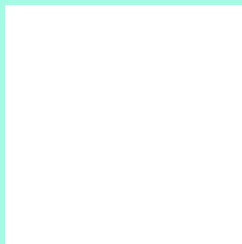
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.9630, 2.4832, -49.9566

Background



This preview shows how black text looks on a background with the YUV color 221.9630, 2.4832, -49.9566.



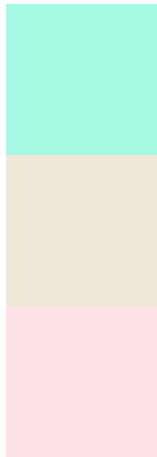
This preview shows how white text looks on a background with the YUV color 221.9630, 2.4832, -49.9566.

-49.9566.

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

221.9630, 2.4832, -49.9566

Protanopia

232.6820, -7.7312, 6.4179

Deuteranopia

234.7680, -1.3646, 17.7435



Tritanopia

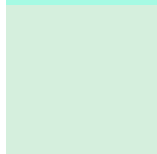
228.5430, 13.0433, -30.2942

Trichromacy



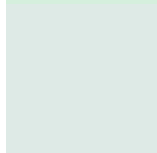
Original Color

221.9630, 2.4832, -49.9566



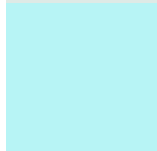
Protanomaly

229.1740, -4.0298, -14.1846



Deuteranomaly

229.9560, 0.0217, -6.9774



Tritanomaly

225.8750, 9.4286, -37.6014

Monochromacy



Original Color

221.9630, 2.4832, -49.9566



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

221.8190, 1.0752, -18.2583

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.9630, 2.4832, -49.9566 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(165, 250, 227)` looks like.

```
.text, #text, p{  
    color:rgb(165, 250, 227)  
}
```

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(165, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 250, 227) }
```

Border

The CSS property to change the border of an element to YUV 221.9630, 2.4832, -49.9566 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(165, 250, 227) }
```


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

```
.border{ border-color:rgb(165, 250, 227) }
```

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

Here you see how a box with a 4 pixel rgb(165, 250, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(165, 250,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 221.9630, 2.4832, -49.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 250, 227) }
```

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

```
.background{ background-color: rgb(165,  
250, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor