

Converting Colors

YUV(220.9740, 2.4778,
-48.2122)

Have a look what the booklet for
YUV(220.9740, 2.4778, -48.2122)
contains.

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Color

**YUV(220.9740, 2.4778,
-48.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F8E2
RGB	166, 248, 226
RGB Percent	65%, 97%, 89%
CMY	0.3490, 0.0275, 0.1137
CMYK	0.33, 0.00, 0.09, 0.03
HSL	164°, 85%, 81%
HSV	164°, 33%, 97%
XYZ	63.0208, 80.7328, 84.2129
YIQ	220.9740, -41.8100, -24.2260

Conversions

Conversions Part 2

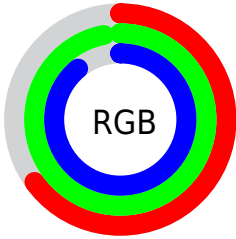
Format	Color
R _Y B	166, 213, 248
Decimal	10942690
CIE Lab	92.01, -29.57, 2.64
CIE LCh	92, 29.691, 174.891
Yxy	80.7328, 0.2764, 0.3541
Android (android.graphics.Color)	4289132770 (0xFFA6F8E2)
YUV	220.9740, 2.4778, -48.2122
Hunter-Lab	89.8514, -32.0421, 7.3266

Details

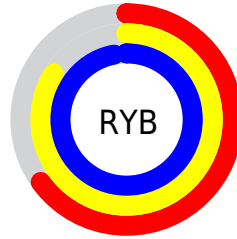
The YUV color $220.9740, 2.4778, -48.2122$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $193.0260, -2.4778, 48.2122$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $164.8000, 3.0566, -47.1826$ is the 20% darker color. If you saturate the color by 10%, you get $212.7010, 3.1054, -62.8818$, and if you desaturate by 10%, it is $229.2470, 1.8502, -33.5426$.

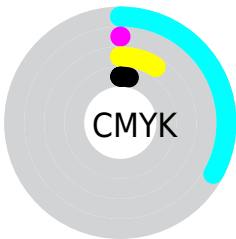
Distribution



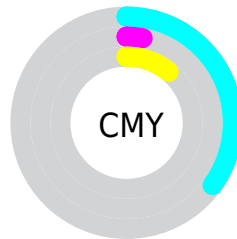
- Red (65%)
- Green (97%)
- Blue (89%)



- Red (65%)
- Yellow (84%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.9740, 2.4778, -48.2122 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 220.9740, 2.4778, -48.2122 by changing the saturation by 10% instead.


 220.9740, 2.4778,
-48.2122


 220.9740, 2.4778,
-48.2122

255.0000, 0.0000,
0.0000

 192.3870, 2.7672,
-47.6974

 245.4320, 4.7170,
-19.6729

 164.8000, 3.0566,
-47.1826

 254.4020, 0.2948,
-1.2296

 137.8000, 3.0566,
-47.1826

 110.7290, 4.0776,
-47.9973

 83.6360, 5.1095,
-52.3008

 59.0490, 5.3988,
-51.7860

 42.4530, 2.7347,

-37.2313

■ 27.1450, -0.0715,
-23.8062

■ 7.7450, -3.3253,
-6.7924

■ 220.9740, 2.4778,
-48.2122

■ 220.9740, 2.4778,
-48.2122

■ 212.7010, 3.1054,
-62.8818

■ 229.2470, 1.8502,
-33.5426

■ 204.5420, 4.1698,
-77.6513

■ 237.4060, 0.7858,
-18.7731

■ 196.5680, 4.6500,
-91.7061

■ 245.3800, 0.3057,
-4.7183

■ 188.2950, 5.2776,
-106.3757

■ 250.6630, 1.1521,
3.8035

■ 180.1360, 6.3420,
-121.1453

■ 250.8910, 2.0257,
3.6036

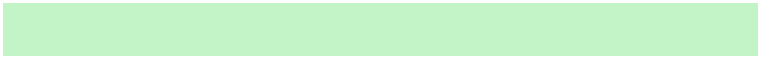
■ 171.8630, 6.9695,
-135.8149

■ 166.2100, 7.2915,
-145.7662

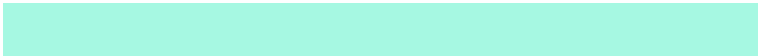
Harmonies

Analogous

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



224.2190, -12.4330, -25.6251



220.9740, 2.4778, -48.2122



219.4960, 17.5035, -60.9480

Triad

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



220.9740, 2.4778, -48.2122



230.5020, 12.0775, -0.4403



226.0020, -19.7210, 25.4312

Complementary

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



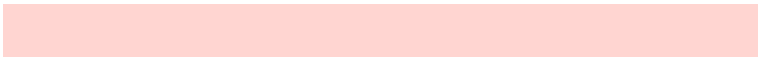
220.9740, 2.4778, -48.2122



193.0260, -2.4778, 48.2122

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.



225.1020, -7.9383, 26.2205



220.9740, 2.4778, -48.2122



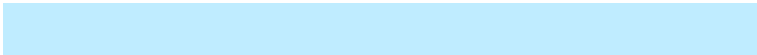
232.6940, 10.9969, 19.5624

Square

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



220.9740, 2.4778, -48.2122



224.7110, 14.9325, -29.5645



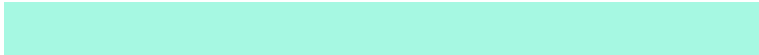
227.8210, 5.0182, 23.8360



230.7320, -26.9829, 21.2830

Rectangle

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



220.9740, 2.4778, -48.2122



219.2190, 17.6400, -58.0741



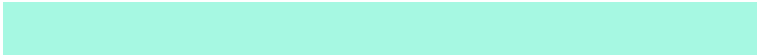
227.8210, 5.0182, 23.8360



225.6260, -16.0846, 25.7610

Sweetspot

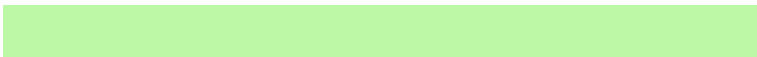
The Sweet Spot groups the original color and five complimentary colors.



220.9740, 2.4778, -48.2122



246.7270, 0.6276, -14.6696



221.0110, -27.1204, -28.0736



122.6460, 0.1745, -9.3365



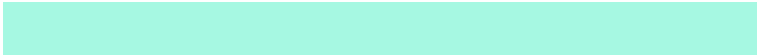
0.0000, 0.0000, 0.0000



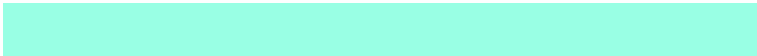
128.0000, 0.0000, 0.0000

Same Dimension

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



220.9740, 2.4778, -48.2122



221.4240, 3.2420, -60.0078



212.9160, 17.2964, -41.1453



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.



193.0260, -2.4778, 48.2122



186.5760, -3.2420, 60.0078



201.0840, -17.2964, 41.1453



116.3430, -0.1691, 7.5922



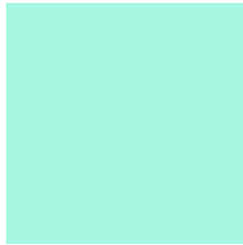
62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 220.9740, 2.4778, -48.2122 looks on a white background.

Color Contrast Check

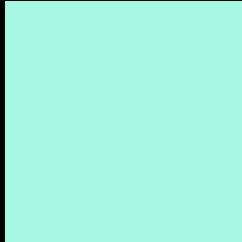
Large Text (above 18pt) WCAG AA × Fail

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 220.9740, 2.4778, -48.2122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

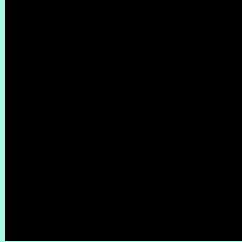
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.9740, 2.4778, -48.2122

Background



This preview shows how black text looks on a background with the YUV color 220.9740, 2.4778, -48.2122.



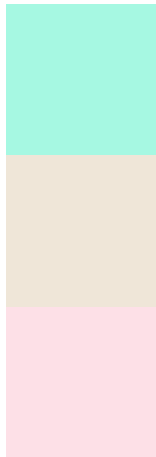
This preview shows how white text looks on a background with the YUV color 220.9740, 2.4778,

-48.2122.

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

220.9740, 2.4778, -48.2122

Protanopia

231.0950, -7.4418, 6.9327

Deuteranopia

233.4690, -1.2172, 17.1287



Tritanopia

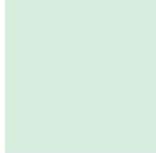
226.7600, 13.9223, -32.2385

Trichromacy



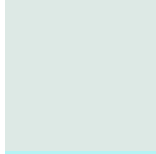
Original Color

220.9740, 2.4778, -48.2122



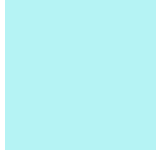
Protanomaly

227.5870, -3.7404, -13.6698



Deuteranomaly

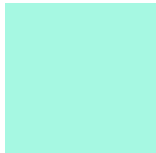
228.9560, 0.0217, -6.9774



Tritanomaly

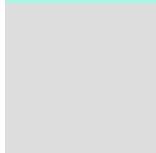
224.5760, 9.5760, -38.2162

Monochromacy



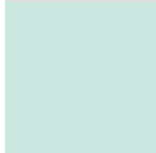
Original Color

220.9740, 2.4778, -48.2122



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.1180, 0.9278, -17.6435

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.9740, 2.4778, -48.2122 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(166, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(166, 248, 226)  
}
```

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(166, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 248, 226) }
```

Border

The CSS property to change the border of an element to YUV 220.9740, 2.4778, -48.2122 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(166, 248, 226) }
```


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

```
.border{ border-color:rgb(166, 248, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 248, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(166, 248,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 220.9740, 2.4778, -48.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 248, 226) }
```

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

```
.background{ background-color: rgb(166,  
248, 226) }
```

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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