

Converting Colors

YUV(217.4100, -2.1741,
-49.4716)

Have a look what the booklet for
YUV(217.4100, -2.1741, -49.4716)
contains.

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Color

**YUV(217.4100, -2.1741,
-49.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F7D5
RGB	161, 247, 213
RGB Percent	63%, 97%, 84%
CMY	0.3686, 0.0314, 0.1647
CMYK	0.35, 0.00, 0.14, 0.03
HSL	156°, 84%, 80%
HSV	156°, 35%, 97%
XYZ	59.9689, 78.9027, 75.0198
YIQ	217.4100, -40.3420, -28.8060

Conversions

Conversions Part 2

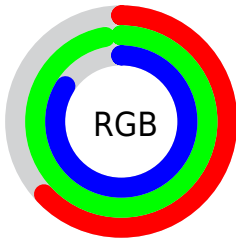
Format	Color
RYB	161, 215, 247
Decimal	10614741
CIELab	91.19, -33.18, 8.17
CIELCh	91, 34.173, 166.176
Yxy	78.9027, 0.2804, 0.3689
Android (android.graphics.Color)	4288804821 (0xFFA1F7D5)
YUV	217.4100, -2.1741, -49.4716
Hunter-Lab	88.8272, -34.9388, 12.1051

Details

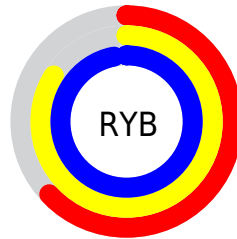
The YUV color $217.4100, -2.1741, -49.4716$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $190.5900, 2.1741, 49.4716$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9370, 5.4541, -22.7467$, and $161.2360, -1.5953, -48.4420$ is the 20% darker color. If you saturate the color by 10%, you get $208.7950, -2.8569, -63.8412$, and if you desaturate by 10%, it is $226.0250, -1.4913, -35.1019$.

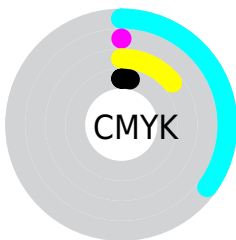
Distribution



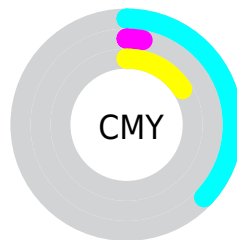
- Red (63%)
- Green (97%)
- Blue (84%)



- Red (63%)
- Yellow (84%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (37%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4100, -2.1741, -49.4716 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 217.4100, -2.1741, -49.4716 by changing the saturation by 10% instead.

 217.4100, -2.1741,
-49.4716


 217.4100, -2.1741,
-49.4716


255.0000, 0.0000,
0.0000

 188.8230, -1.8847,
-48.9568


 243.9370, 5.4541,
-22.7467

 161.2360, -1.5953,
-48.4420

 252.6080, 1.1793,
-4.9182

 134.0510, -1.0111,
-49.1567

 106.9800, 0.0099,
-49.9715

 79.1040, 1.9207,
-56.2192

 57.3220, 1.3203,
-50.2714

 40.7260, -1.3439,

-35.7167

■ 25.4180, -4.1501,
-22.2916

■ 4.6960, -2.3151,
-4.1184

■ 217.4100, -2.1741,
-49.4716

■ 217.4100, -2.1741,
-49.4716

■ 208.7950, -2.8569,
-63.8412

■ 226.0250, -1.4913,
-35.1019

■ 200.4790, -3.6871,
-77.5961

■ 234.3410, -0.6611,
-21.3471

■ 191.9780, -3.9332,
-92.0657

■ 242.8420, -0.4151,
-6.8774

■ 183.3630, -4.6160,
-106.4354

■ 249.9620, 1.0047,
4.4183

■ 174.7480, -5.2988,
-120.8050

■ 250.3040, 2.3151,
4.1184

■ 166.4320, -6.1290,
-134.5599

■ 161.9750, -6.3967,
-142.0521

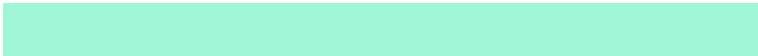
Harmonies

Analogous

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



222.2320, -18.8484, -21.2515



217.4100, -2.1741, -49.4716



213.8000, 16.3676, -69.9846

Triad

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



217.4100, -2.1741, -49.4716



226.3050, 14.1466, -10.7915



221.6650, -18.5688, 29.2348

Complementary

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



217.4100, -2.1741, -49.4716



190.5900, 2.1741, 49.4716

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.



221.4490, -4.1654, 29.4242



217.4100, -2.1741, -49.4716



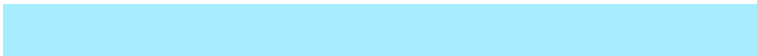
231.5200, 11.5756, 20.5920

Square

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



217.4100, -2.1741, -49.4716



218.1220, 18.1809, -44.8340



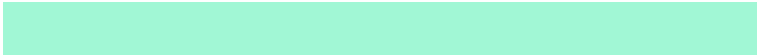
225.7980, 9.9596, 25.6102



225.5970, -28.8883, 25.7864

Rectangle

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



217.4100, -2.1741, -49.4716



212.3420, 21.0304, -72.2139



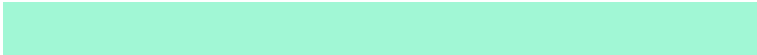
225.7980, 9.9596, 25.6102



220.9300, -13.7695, 29.8794

Sweetspot

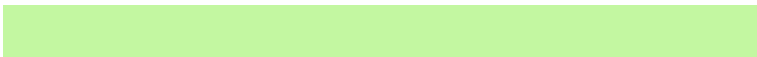
The Sweet Spot groups the original color and five complimentary colors.



217.4100, -2.1741, -49.4716



246.3850, -0.6828, -14.3696



221.6480, -29.8995, -23.3703



122.4180, -0.6991, -9.1366



0.0000, 0.0000, 0.0000



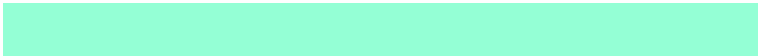
128.0000, 0.0000, 0.0000

Same Dimension

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



217.4100, -2.1741, -49.4716



218.2190, -2.5730, -61.5821



216.0030, 15.2815, -48.2376



117.9560, 0.0217, -6.9774



122.0640, -4.4686, -107.0501



38.6230, -1.7861, -33.8724

Inverse Universe

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



190.5900, 2.1741, 49.4716



184.7810, 2.5730, 61.5821



191.9970, -15.2815, 48.2376



114.1580, 0.4151, 6.8774



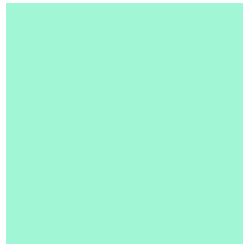
64.0500, 4.9054, 106.9502



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 217.4100, -2.1741, -49.4716 looks on a white background.

Color Contrast Check

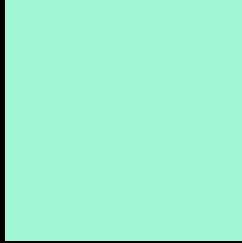
Large Text (above 18pt) WCAG AA × Fail

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 217.4100, -2.1741, -49.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

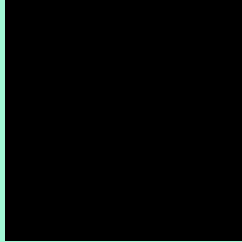
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.4100, -2.1741, -49.4716

Background



This preview shows how black text looks on a background with the YUV color 217.4100, -2.1741, -49.4716.



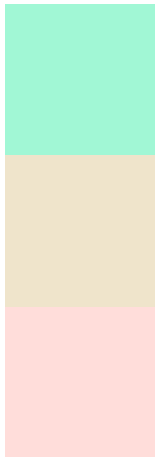
This preview shows how white text looks on a background with the YUV color 217.4100, -2.1741, -49.4716.

-49.4716.

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

217.4100, -2.1741, -49.4716

Protanopia

228.4390, -12.5414, 9.2620

Deuteranopia

230.8240, -6.3222, 21.2024



Tritanopia

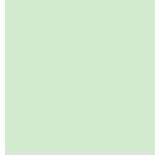
223.7810, 15.3910, -36.6419

Trichromacy



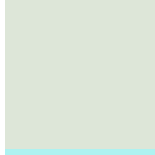
Original Color

217.4100, -2.1741, -49.4716



Protanomaly

224.6320, -8.6926, -11.9553



Deuteranomaly

225.7130, -4.7885, -4.1333



Tritanomaly

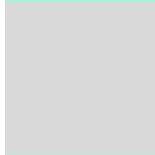
221.4400, 9.1501, -41.6049

Monochromacy



Original Color

217.4100, -2.1741, -49.4716



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.3630, -0.6720, -17.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4100, -2.1741, -49.4716 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(161, 247, 213)` looks like.

```
.text, #text, p{  
    color:rgb(161, 247, 213)  
}
```

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(161, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 247, 213) }
```

Border

The CSS property to change the border of an element to YUV 217.4100, -2.1741, -49.4716 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(161, 247, 213) }
```


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

```
.border{ border-color:rgb(161, 247, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 247, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 247, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 247, 213);  
box-shadow:4px 4px 4px 4px rgb(161, 247,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 217.4100, -2.1741, -49.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 247, 213) }
```

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

```
.background{ background-color: rgb(161,  
247, 213) }
```

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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