

Converting Colors

YUV(217.9650, -3.9267,
-47.3273)

Have a look what the booklet for
YUV(217.9650, -3.9267, -47.3273)
contains.

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Color

**YUV(217.9650, -3.9267,
-47.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F7D2
RGB	164, 247, 210
RGB Percent	64%, 97%, 82%
CMY	0.3569, 0.0314, 0.1765
CMYK	0.34, 0.00, 0.15, 0.03
HSL	153°, 84%, 81%
HSV	153°, 34%, 97%
XYZ	60.2035, 79.0672, 73.0612
YIQ	217.9650, -37.5910, -29.1030

Conversions

Conversions Part 2

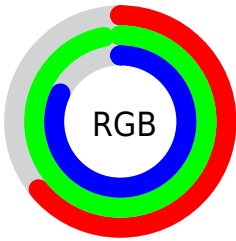
Format	Color
RYB	164, 217, 247
Decimal	10811346
CIELab	91.26, -32.95, 9.84
CIELCh	91, 34.385, 163.363
Yxy	79.0672, 0.2835, 0.3724
Android (android.graphics.Color)	4289001426 (0xFFA4F7D2)
YUV	217.9650, -3.9267, -47.3273
Hunter-Lab	88.9197, -34.7554, 13.5280

Details

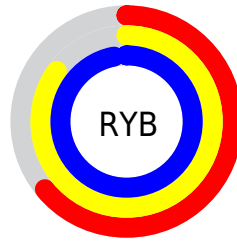
The YUV color **217.9650, -3.9267, -47.3273** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **193.0350, 3.9267, 47.3273**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **161.9050, -2.9112, -46.3977** is the 20% darker color. If you saturate the color by 10%, you get **209.2360, -5.0463, -61.5970**, and if you desaturate by 10%, it is **226.6940, -2.8071, -33.0576**.

Distribution



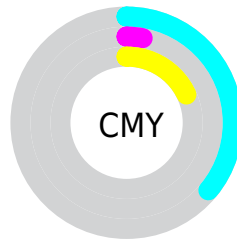
- Red (64%)
- Green (97%)
- Blue (82%)



- Red (64%)
- Yellow (85%)
- Blue (97%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (36%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9650, -3.9267, -47.3273 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 217.9650, -3.9267, -47.3273 by changing the saturation by 10% instead.

 217.9650, -3.9267,
-47.3273

 217.9650, -3.9267,
-47.3273

255.0000, 0.0000,
0.0000

 189.3780, -3.6374,
-46.8125


 244.8340, 5.0118,
-20.9024


 161.9050, -2.9112,
-46.3977

 253.5050, 0.7370,
-3.0739

 134.9050, -2.9112,
-46.3977

 107.8340, -1.8902,
-47.2124

 81.1540, -0.5689,
-51.0011

 56.9800, 0.0099,
-49.9715

 40.4980, -2.2175,

-35.5167

■ 25.1900, -5.0237,
-22.0916

■ 5.2830, -2.6045,
-4.6332

■ 217.9650, -3.9267,
-47.3273

■ 217.9650, -3.9267,
-47.3273

■ 209.2360, -5.0463,
-61.5970

■ 226.6940, -2.8071,
-33.0576

■ 200.8060, -6.3134,
-75.2519

■ 235.1240, -1.5401,
-19.4027

■ 192.0770, -7.4330,
-89.5215

■ 243.8530, -0.4205,
-5.1331

■ 183.3480, -8.5526,
-103.7912

■ 250.1900, 1.8783,
4.2184

■ 174.6190, -9.6722,
-118.0609

■ 250.3040, 2.3151,
4.1184

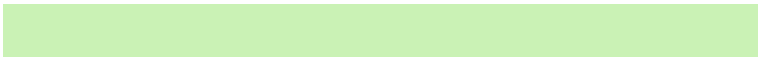
■ 166.1890,
-10.9392, -131.7158

■ 160.6070,
-11.6383, -140.8523

Harmonies

Analogous

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



223.0860, -20.7484, -18.4924



217.9650, -3.9267, -47.3273



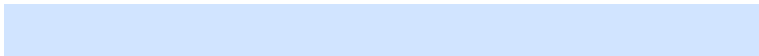
213.7570, 14.9098, -69.0699

Triad

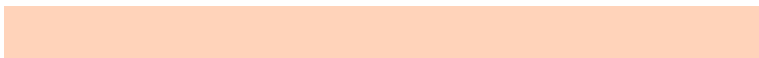
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.9650, -3.9267, -47.3273



225.3970, 14.5943, -14.3802



221.3060, -17.4059, 29.5496

Complementary

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



217.9650, -3.9267, -47.3273



193.0350, 3.9267, 47.3273

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.



221.7910, -2.8550, 29.1243



217.9650, -3.9267, -47.3273



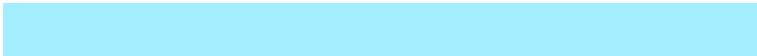
231.5090, 11.5811, 18.8476

Square

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



217.9650, -3.9267, -47.3273



217.5130, 18.4811, -47.8079



226.8410, 11.4174, 24.6954



225.5970, -28.8883, 25.7864

Rectangle

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



217.9650, -3.9267, -47.3273



212.6300, 20.8884, -73.3435



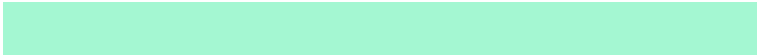
226.8410, 11.4174, 24.6954



221.1580, -12.8959, 29.6794

Sweetspot

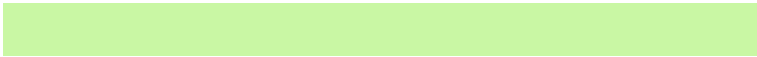
The Sweet Spot groups the original color and five complimentary colors.



217.9650, -3.9267, -47.3273



246.2710, -1.1196, -14.2697



223.7840, -29.4735, -19.9816



122.4180, -0.6991, -9.1366



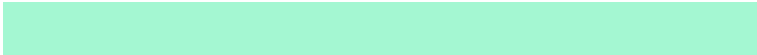
0.0000, 0.0000, 0.0000



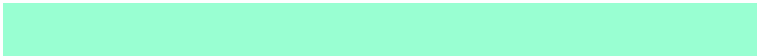
128.0000, 0.0000, 0.0000

Same Dimension

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



217.9650, -3.9267, -47.3273



219.3720, -4.6204, -58.2082



219.8350, 13.3923, -48.9673



117.8420, -0.4151, -6.8774



120.9240, -8.8365, -106.0503



38.3950, -2.6597, -33.6724

Inverse Universe

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



193.0350, 3.9267, 47.3273



188.6280, 4.6204, 58.2082



191.1650, -13.3923, 48.9673



114.2720, 0.8519, 6.7775



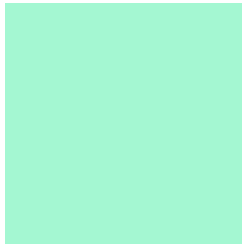
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 217.9650, -3.9267, -47.3273 looks on a white background.

Color Contrast Check

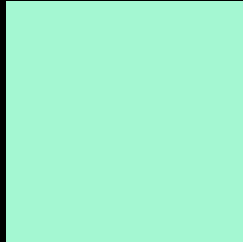
Large Text (above 18pt) WCAG AA × Fail

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 217.9650, -3.9267, -47.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

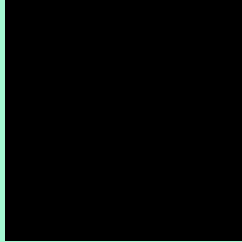
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.9650, -3.9267, -47.3273

Background



This preview shows how black text looks on a background with the YUV color 217.9650, -3.9267, -47.3273.



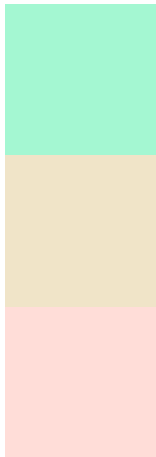
This preview shows how white text looks on a background with the YUV color 217.9650, -3.9267, -47.3273.

-47.3273.

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

217.9650, -3.9267, -47.3273

Protanopia

228.3960, -13.9992, 10.1767

Deuteranopia

230.5960, -7.1958, 21.4023



Tritanopia

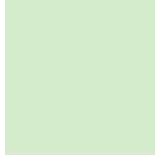
223.7920, 15.3855, -34.8976

Trichromacy



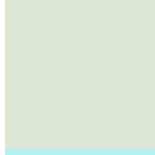
Original Color

217.9650, -3.9267, -47.3273



Protanomaly

224.5890, -10.1504, -11.0406



Deuteranomaly

225.7840, -5.8095, -3.3186



Tritanomaly

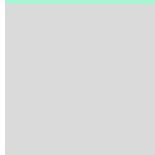
221.6360, 8.5605, -39.1458

Monochromacy



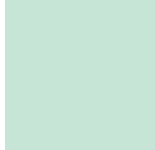
Original Color

217.9650, -3.9267, -47.3273



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.1350, -1.5456, -17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9650, -3.9267, -47.3273 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, 247, 210)` looks like.

```
.text, #text, p{  
    color:rgb(164, 247, 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, 247, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 247, 210) }
```

Border

The CSS property to change the border of an element to YUV 217.9650, -3.9267, -47.3273 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, 247, 210) }
```


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

```
.border{ border-color:rgb(164, 247, 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, 247, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 247, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 247, 210);  
box-shadow:4px 4px 4px 4px rgb(164, 247,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 217.9650, -3.9267, -47.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 247, 210) }
```

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

```
.background{ background-color: rgb(164,  
247, 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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