

Converting Colors

YUV(217.2510, -1.1097,
-64.2411)

Have a look what the booklet for
YUV(217.2510, -1.1097, -64.2411)
contains.

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Color

**YUV(217.2510, -1.1097,
-64.2411)**

Conversions

Conversions Part 1

Format	Color
Hex	90FFD7
RGB	144, 255, 215
RGB Percent	56%, 100%, 84%
CMY	0.4353, 0.0000, 0.1569
CMYK	0.44, 0.00, 0.16, 0.00
HSL	158°, 100%, 78%
HSV	158°, 44%, 100%
XYZ	59.5273, 82.3556, 77.0488
YIQ	217.2510, -53.3160, -35.9720

Conversions

Conversions Part 2

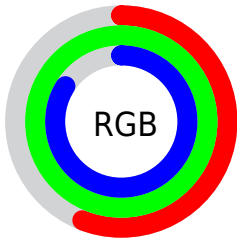
Format	Color
RYB	144, 212, 255
Decimal	9502679
CIELab	92.73, -40.88, 9.24
CIELCh	93, 41.914, 167.258
Yxy	82.3556, 0.2719, 0.3762
Android (android.graphics.Color)	4287692759 (0xFF90FFD7)
YUV	217.2510, -1.1097, -64.2411
Hunter-Lab	90.7500, -41.7256, 13.1864

Details

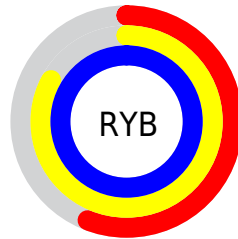
The YUV color **217.2510, -1.1097, -64.2411** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.7490, 1.1097, 64.2411**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1530, 7.8126, -32.5832**, and **160.1800, -0.0887, -65.0559** is the 20% darker color. If you saturate the color by 10%, you get **208.7500, -1.3558, -78.7108**, and if you desaturate by 10%, it is **226.0510, -1.0111, -49.1567**.

Distribution



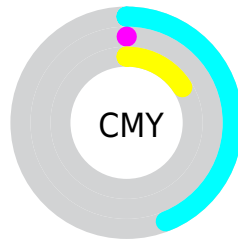
- Red (56%)
- Green (100%)
- Blue (84%)



- Red (56%)
- Yellow (83%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2510, -1.1097, -64.2411 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 217.2510, -1.1097, -64.2411 by changing the saturation by 10% instead.


 217.2510, -1.1097,
-64.2411


 217.2510, -1.1097,
-64.2411


255.0000, 0.0000,
0.0000

 188.3650, -0.6729,
-64.3411

 239.1530, 7.8126,
-32.5832


 160.1800, -0.0887,
-65.0559

 248.1230, 3.3904,
-14.1399

 131.2120, 1.3745,
-67.7149

 98.4600, 5.1962,
-80.2104

 78.2550, 2.8323,
-68.6296

 60.3710, 0.3101,
-52.9454

 43.7750, -2.3541,

-38.3907

■ 27.9940, -4.4340,
-24.5507

■ 9.9790, -4.9196,
-8.7516

■ 217.2510, -1.1097,
-64.2411

■ 217.2510, -1.1097,
-64.2411

■ 208.7500, -1.3558,
-78.7108

■ 226.0510, -1.0111,
-49.1567

■ 199.9500, -1.4543,
-93.7951

■ 234.5520, -0.7651,
-34.6871

■ 191.0360, -1.9897,
-108.7796

■ 243.4660, -0.2297,
-19.7027

■ 182.5350, -2.2358,
-123.2492

■ 251.9670, 0.0163,
-5.2331

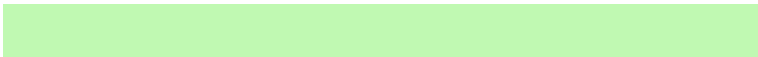
■ 173.7350, -2.3344, 255.0000, 0.0000,
-138.3336 0.0000

■ 168.2670, -2.5966,
-147.5702

Harmonies

Analogous

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



223.8630, -22.6105, -27.9439



217.2510, -1.1097, -64.2411



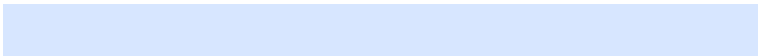
209.2530, 22.5533, -94.0609

Triad

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



217.2510, -1.1097, -64.2411



228.3650, 13.1311, -11.7211



220.8670, -21.6264, 29.9346

Complementary

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



217.2510, -1.1097, -64.2411



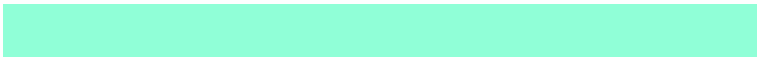
181.7490, 1.1097, 64.2411

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.



220.1610, -4.0234, 30.5538



217.2510, -1.1097, -64.2411



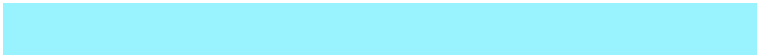
232.1070, 11.2862, 20.0772

Square

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



217.2510, -1.1097, -64.2411



217.1590, 18.6556, -57.1444



225.4220, 13.5960, 25.9399



226.6910, -34.8507, 24.8270

Rectangle

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



217.2510, -1.1097, -64.2411



206.2740, 24.0219, -98.4643



225.4220, 13.5960, 25.9399



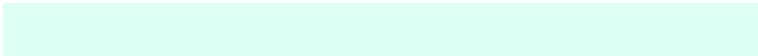
220.2460, -16.3903, 30.4793

Sweetspot

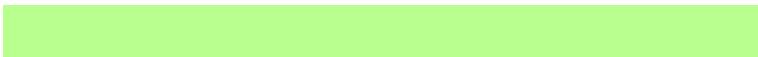
The Sweet Spot groups the original color and five complimentary colors.



217.2510, -1.1097, -64.2411



243.7650, -0.3771, -19.0879



221.4160, -38.1661, -31.9368



120.8090, -0.3988, -12.1105



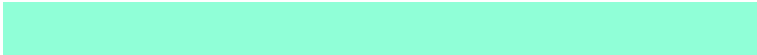
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



217.2510, -1.1097, -64.2411



209.7610, -1.3612, -76.9664



213.0060, 20.7030, -60.5183



123.5430, -0.2677, -7.4922



126.0250, -1.9843, -110.5239



42.2420, -0.6123, -37.0462

Inverse Universe

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



181.7490, 1.1097, 64.2411



167.2390, 1.3612, 76.9664



185.9940, -20.7030, 60.5183



119.3430, -0.1691, 7.5922



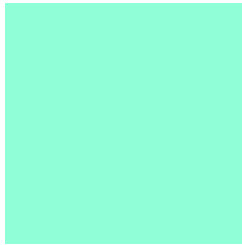
64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 217.2510, -1.1097, -64.2411 looks on a white background.

Color Contrast Check

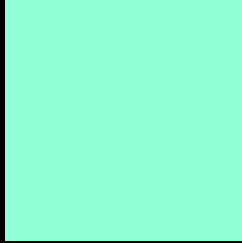
Large Text (above 18pt) WCAG AA × Fail

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 217.2510, -1.1097, -64.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

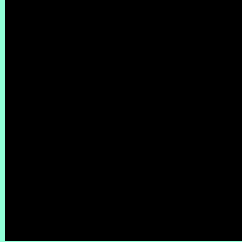
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.2510, -1.1097, -64.2411

Background



This preview shows how black text looks on a background with the YUV color 217.2510, -1.1097, -64.2411.



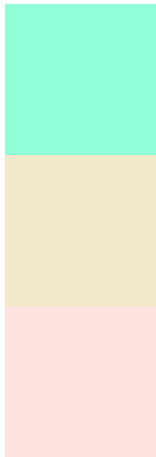
This preview shows how white text looks on a background with the YUV color 217.2510, -1.1097, -64.2411.

-64.2411.

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

217.2510, -1.1097, -64.2411

Protanopia

232.2820, -14.4360, 10.2767

Deuteranopia

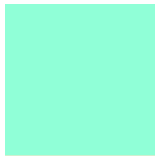
234.3290, -5.5852, 18.1285



Tritanopia

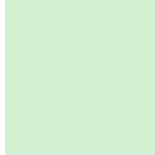
228.2330, 13.1961, -32.6533

Trichromacy



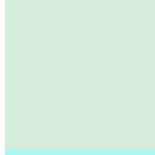
Original Color

217.2510, -1.1097, -64.2411



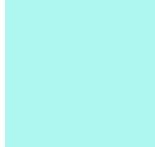
Protanomaly

226.6700, -9.6973, -16.3736



Deuteranomaly

228.4840, -4.1826, -11.8255



Tritanomaly

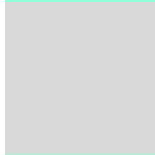
224.3750, 7.7031, -44.1789

Monochromacy



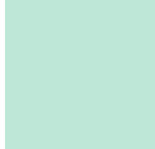
Original Color

217.2510, -1.1097, -64.2411



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.0310, -0.5083, -23.7062

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2510, -1.1097, -64.2411 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(144, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(144, 255, 215)  
}
```

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(144, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 255, 215) }
```

Border

The CSS property to change the border of an element to YUV 217.2510, -1.1097, -64.2411 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(144, 255, 215) }
```


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

```
.border{ border-color:rgb(144, 255, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(144, 255,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 217.2510, -1.1097, -64.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 255, 215) }
```

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

```
.background{ background-color: rgb(144,  
255, 215) }
```

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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