

Converting Colors

YUV(217.4760, -5.6577,
-52.1605)

Have a look what the booklet for
YUV(217.4760, -5.6577, -52.1605)
contains.

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Color

**YUV(217.4760, -5.6577,
-52.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFACE
RGB	158, 250, 206
RGB Percent	62%, 98%, 81%
CMY	0.3804, 0.0196, 0.1922
CMYK	0.37, 0.00, 0.18, 0.02
HSL	151°, 90%, 80%
HSV	151°, 37%, 98%
XYZ	59.4267, 80.0965, 70.7206
YIQ	217.4760, -40.7080, -33.1880

Conversions

Conversions Part 2

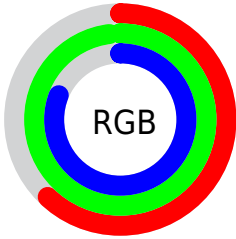
Format	Color
RYB	158, 218, 250
Decimal	10418894
CIELab	91.73, -36.80, 12.53
CIELCh	92, 38.874, 161.190
Yxy	80.0965, 0.2827, 0.3810
Android (android.graphics.Color)	4288608974 (0xFF9EFACE)
YUV	217.4760, -5.6577, -52.1605
Hunter-Lab	89.4967, -38.0933, 15.7965

Details

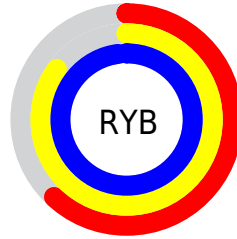
The YUV color **217.4760, -5.6577, -52.1605** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **190.5240, 5.6577, 52.1605**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **161.1170, -4.4947, -51.8456** is the 20% darker color. If you saturate the color by 10%, you get **208.6330, -7.2141, -66.3301**, and if you desaturate by 10%, it is **226.3190, -4.1013, -37.9908**.

Distribution



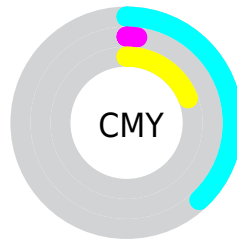
- Red (62%)
- Green (98%)
- Blue (81%)



- Red (62%)
- Yellow (85%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.4760, -5.6577, -52.1605 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 217.4760, -5.6577, -52.1605 by changing the saturation by 10% instead.


 217.4760, -5.6577,
-52.1605


 217.4760, -5.6577,
-52.1605

255.0000, 0.0000,
0.0000

 188.8890, -5.3683,
-51.6457


 243.0400, 5.8963,
-24.5911


 161.1170, -4.4947,
-51.8456

 252.0100, 1.4741,
-6.1478

 134.2310, -4.0579,
-51.9456

 106.5620, -2.7421,
-53.9899

 75.7070, 0.6374,
-64.6410

 57.8120, -1.8793,
-50.7011

 41.2160, -4.5435,

-36.1464

■ 25.2070, -7.4971,
-22.1065

■ 7.0440, -3.4727,
-6.1776

■ 217.4760, -5.6577,
-52.1605

■ 217.4760, -5.6577,
-52.1605

■ 208.6330, -7.2141,
-66.3301

■ 226.3190, -4.1013,
-37.9908

■ 199.7900, -8.7705,
-80.4998

■ 235.1620, -2.5449,
-23.8211

■ 190.9470,
-10.3269, -94.6695

■ 244.0050, -0.9885,
-9.6514

■ 182.1040,
-11.8833, -108.8392

■ 251.9510, 1.0102,
2.6740

■ 173.2610,
-13.4397, -123.0089

■ 252.0650, 1.4470,
2.5740

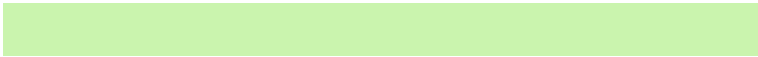
■ 164.4180,
-14.9961, -137.1786

■ 161.5700,
-15.5640, -141.6969

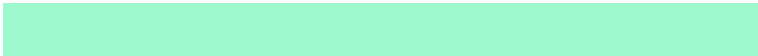
Harmonies

Analogous

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



223.4620, -24.3848, -18.8222



217.4760, -5.6577, -52.1605



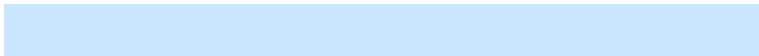
211.6200, 15.9633, -80.3507

Triad

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



217.4760, -5.6577, -52.1605



224.7770, 14.8999, -19.0984



219.9040, -17.7007, 30.7792

Complementary

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



217.4760, -5.6577, -52.1605



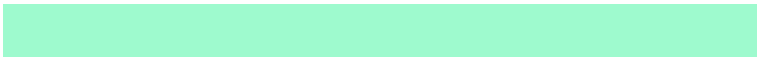
190.5240, 5.6577, 52.1605

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.



220.2580, -1.1132, 30.4687



217.4760, -5.6577, -52.1605



232.3950, 11.1443, 18.9476

Square

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



217.4760, -5.6577, -52.1605



215.0770, 19.6820, -59.7035



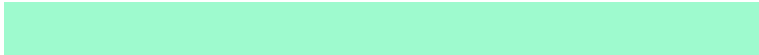
226.2370, 14.1802, 25.2252



224.3260, -31.2197, 26.9011

Rectangle

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



217.4760, -5.6577, -52.1605



208.6990, 22.8264, -88.3130



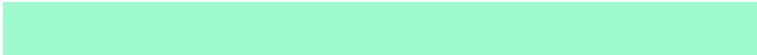
226.2370, 14.1802, 25.2252



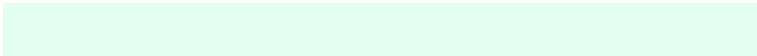
219.2830, -12.4645, 31.3238

Sweetspot

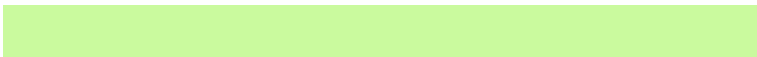
The Sweet Spot groups the original color and five complimentary colors.



217.4760, -5.6577, -52.1605



245.1460, -1.5510, -15.9140



225.1600, -33.1099, -20.3113



122.0050, -0.9885, -9.6514



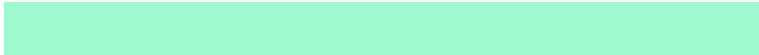
0.0000, 0.0000, 0.0000



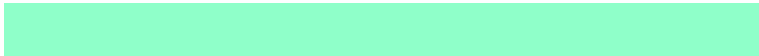
128.0000, 0.0000, 0.0000

Same Dimension

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



217.4760, -5.6577, -52.1605



215.3560, -7.0775, -63.4562



221.3180, 14.1402, -55.5299



120.4290, -0.7045, -7.3922



122.1150, -11.8887, -107.0949



39.4550, -3.6753, -34.6020

Inverse Universe

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



190.5240, 5.6577, 52.1605



182.5300, 6.6407, 63.5562



186.6820, -14.1402, 55.5299



116.5710, 0.7045, 7.3922



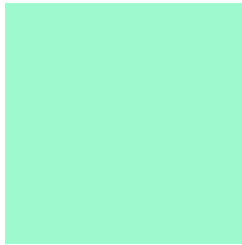
66.7710, 11.4519, 107.1948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 217.4760, -5.6577, -52.1605 looks on a white background.

Color Contrast Check

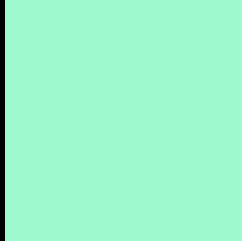
Large Text (above 18pt) WCAG AA × Fail

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 217.4760, -5.6577, -52.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

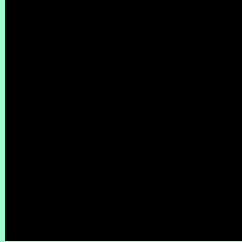
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.4760, -5.6577, -52.1605

Background



This preview shows how black text looks on a background with the YUV color 217.4760, -5.6577, -52.1605.



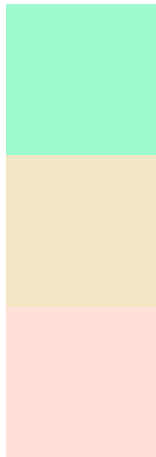
This preview shows how white text looks on a background with the YUV color 217.4760, -5.6577, -52.1605.

-52.1605.

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

217.4760, -5.6577, -52.1605

Protanopia

229.7120, -16.6200, 10.7766

Deuteranopia

231.6560, -8.2114, 20.4727



Tritanopia

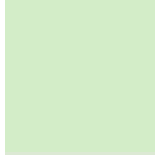
225.5640, 14.5119, -34.6976

Trichromacy



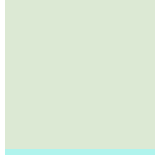
Original Color

217.4760, -5.6577, -52.1605



Protanomaly

225.0080, -12.3289, -12.2850



Deuteranomaly

226.7190, -7.2565, -5.8926



Tritanomaly

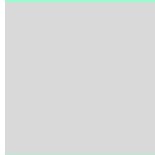
222.8700, 6.9661, -41.1050

Monochromacy



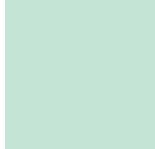
Original Color

217.4760, -5.6577, -52.1605



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.3090, -2.1243, -18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.4760, -5.6577, -52.1605 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(158, 250, 206)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 206)  
}
```

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(158, 250, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 206) }
```

Border

The CSS property to change the border of an element to YUV 217.4760, -5.6577, -52.1605 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(158, 250, 206) }
```


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

```
.border{ border-color:rgb(158, 250, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 250, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 206);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 217.4760, -5.6577, -52.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 250, 206) }
```

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

```
.background{ background-color: rgb(158,  
250, 206) }
```

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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