

Converting Colors

YUV(217.6050, -1.2843,
-54.9046)

Have a look what the booklet for
YUV(217.6050, -1.2843, -54.9046)
contains.

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Color

**YUV(217.6050, -1.2843,
-54.9046)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BFAD7 |
| RGB | 155, 250, 215 |
| RGB Percent | 61%, 98%, 84% |
| CMY | 0.3922, 0.0196, 0.1569 |
| CMYK | 0.38, 0.00, 0.14, 0.02 |
| HSL | 158°, 90%, 79% |
| HSV | 158°, 38%, 98% |
| XYZ | 59.9689, 80.2461, 76.6183 |
| YIQ | 217.6050, -45.3850, -31.0250 |

Conversions

Conversions Part 2

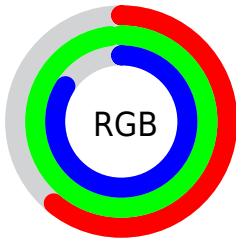
| Format | Color |
|-------------------------------------|---|
| RYB | 155, 213, 250 |
| Decimal | 10222295 |
| CIELab | 91.80, -35.79, 7.96 |
| CIELCh | 92, 36.665, 167.457 |
| Yxy | 80.2461, 0.2766, 0.3701 |
| Android (android.graphics.Color) | 4288412375 (0xFF9BFAD7) |
| YUV | 217.6050, -1.2843, -54.9046 |
| Hunter-Lab | 89.5802, -37.2695, 11.9951 |

Details

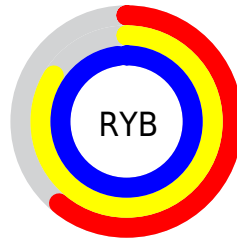
The YUV color **217.6050, -1.2843, -54.9046** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **187.3950, 1.2843, 54.9046**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **161.1320, -0.5581, -54.4898** is the 20% darker color. If you saturate the color by 10%, you get **209.1040, -1.5303, -69.3742**, and if you desaturate by 10%, it is **226.1060, -1.0383, -40.4350**.

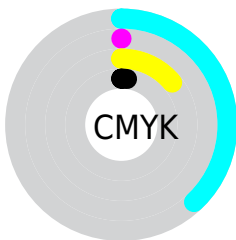
Distribution



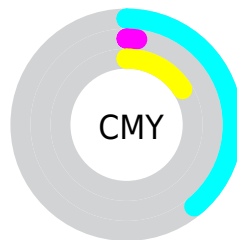
- Red (61%)
- Green (98%)
- Blue (84%)



- Red (61%)
- Yellow (84%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.6050, -1.2843, -54.9046 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 217.6050, -1.2843, -54.9046 by changing the saturation by 10% instead.


 217.6050, -1.2843,
-54.9046


 217.6050, -1.2843,
-54.9046

255.0000, 0.0000,
0.0000

 189.0180, -0.9949,
-54.3898


 242.1430, 6.3385,
-26.4354


 161.1320, -0.5581,
-54.4898

 251.1130, 1.9163,
-7.9921

 133.9470, 0.0261,
-55.2045

 105.9790, 1.4894,
-57.8636

 76.0210, 4.4266,
-66.6704

 58.6100, 1.1783,
-51.4010

 42.0140, -1.4859,

-36.8463

■ 26.2330, -3.5659,
-23.0063

■ 7.0440, -3.4727,
-6.1776

■ 217.6050, -1.2843,
-54.9046

■ 217.6050, -1.2843,
-54.9046

■ 209.1040, -1.5303,
-69.3742

■ 226.1060, -1.0383,
-40.4350

■ 200.6030, -1.7763,
-83.8438

■ 234.6070, -0.7923,
-25.9653

■ 191.9880, -2.4591,
-98.2135

■ 243.2220, -0.1094,
-11.5957

■ 183.4870, -2.7051,
-112.6831

■ 251.7230, 0.1366,
2.8739

■ 174.9860, -2.9511,
-127.1527

■ 252.0650, 1.4470,
2.5740

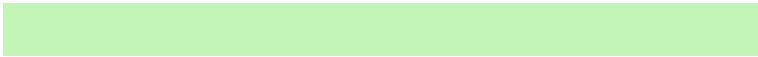
■ 166.4850, -3.1971,
-141.6223

■ 164.7620, -3.3337,
-144.4963

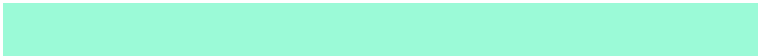
Harmonies

Analogous

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



222.9820, -19.7111, -24.5402



217.6050, -1.2843, -54.9046



213.0270, 18.7207, -78.0767

Triad

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



217.6050, -1.2843, -54.9046



227.4900, 13.5624, -10.0767



221.9100, -20.1686, 29.0199

Complementary

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



217.6050, -1.2843, -54.9046



187.3950, 1.2843, 54.9046

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.



221.3350, -4.6022, 29.5242



217.6050, -1.2843, -54.9046



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.



217.6050, -1.2843, -54.9046



218.6980, 17.8969, -47.0931



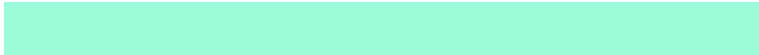
226.0260, 10.8332, 25.4102



226.3150, -31.2143, 25.1567

Rectangle

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



217.6050, -1.2843, -54.9046



211.4120, 21.4889, -79.2913



226.0260, 10.8332, 25.4102



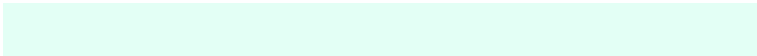
221.1750, -15.3693, 29.6645

Sweetspot

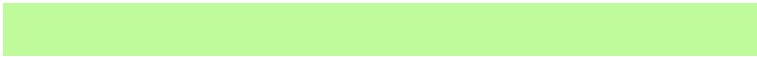
The Sweet Spot groups the original color and five complimentary colors.



217.6050, -1.2843, -54.9046



245.4880, -0.2406, -16.2140



221.5290, -32.7988, -26.7739



122.1190, -0.5517, -9.7514



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

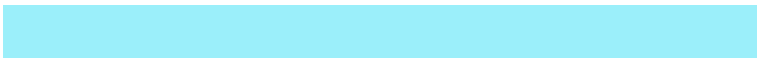
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.6050, -1.2843, -54.9046



215.1150, -1.5357, -67.6299



215.1380, 17.1870, -52.7410



120.5430, -0.2677, -7.4922



124.5090, -2.7159, -109.1944



40.2530, -0.6177, -35.3019

Inverse Universe

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



187.3950, 1.2843, 54.9046



177.8850, 1.5357, 67.6299



189.8620, -17.1870, 52.7410



116.4570, 0.2677, 7.4922



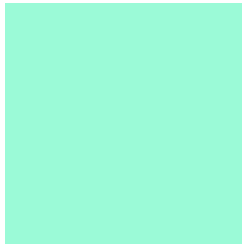
64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 217.6050, -1.2843, -54.9046 looks on a white background.

Color Contrast Check

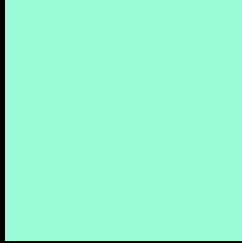
Large Text (above 18pt) WCAG AA × Fail

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 217.6050, -1.2843, -54.9046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

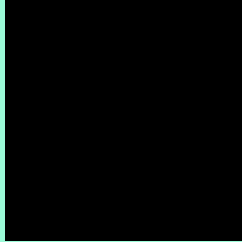
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

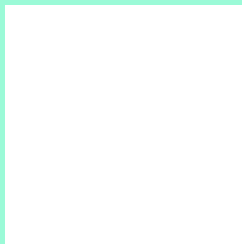
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.6050, -1.2843, -54.9046

Background



This preview shows how black text looks on a background with the YUV color 217.6050, -1.2843, -54.9046.



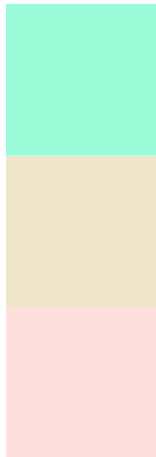
This preview shows how white text looks on a background with the YUV color 217.6050, -1.2843, -54.9046.

-54.9046.

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

217.6050, -1.2843, -54.9046

Protanopia

230.0260, -12.8308, 8.7472

Deuteranopia

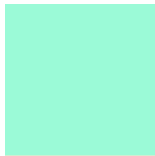
232.3400, -5.5906, 19.8728



Tritanopia

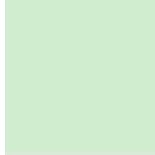
225.2650, 14.6594, -35.3124

Trichromacy



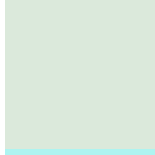
Original Color

217.6050, -1.2843, -54.9046



Protanomaly

225.3220, -8.5397, -14.3144



Deuteranomaly

227.2180, -4.0515, -7.2072



Tritanomaly

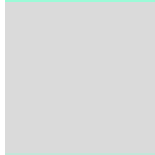
222.6140, 8.5713, -42.6345

Monochromacy



Original Color

217.6050, -1.2843, -54.9046



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.0530, -0.5191, -20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6050, -1.2843, -54.9046 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(155, 250, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 250, 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(155, 250, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 250, 215) }
```

Border

The CSS property to change the border of an element to YUV 217.6050, -1.2843, -54.9046 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(155, 250, 215) }
```


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

```
.border{ border-color:rgb(155, 250, 215) }
```

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

Here you see how a box with a 4 pixel rgb(155, 250, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 250, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 250, 215);  
box-shadow:4px 4px 4px 4px rgb(155, 250,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 217.6050, -1.2843, -54.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 250, 215) }
```

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

```
.background{ background-color: rgb(155,  
250, 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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