

Converting Colors

YUV(222.8750, 5.9776,
-50.7564)

Have a look what the booklet for
YUV(222.8750, 5.9776, -50.7564)
contains.

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Color

**YUV(222.8750, 5.9776,
-50.7564)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A5FAEB |
| RGB | 165, 250, 235 |
| RGB Percent | 65%, 98%, 92% |
| CMY | 0.3529, 0.0196, 0.0784 |
| CMYK | 0.34, 0.00, 0.06, 0.02 |
| HSL | 169°, 89%, 81% |
| HSV | 169°, 34%, 98% |
| XYZ | 64.6981, 82.3687, 91.0861 |
| YIQ | 222.8750, -45.8450, -22.6850 |

Conversions

Conversions Part 2

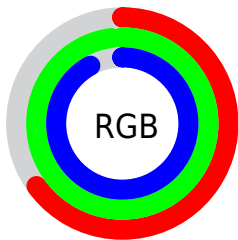
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 165, 212, 250 |
| Decimal | 10877675 |
| CIE Lab | 92.74, -28.86, -0.97 |
| CIE LCh | 93, 28.879, 181.927 |
| Yxy | 82.3687, 0.2717, 0.3459 |
| Android (android.graphics.Color) | 4289067755 (0xFFA5FAEB) |
| YUV | 222.8750, 5.9776, -50.7564 |
| Hunter-Lab | 90.7572, -31.5779, 4.0252 |

Details

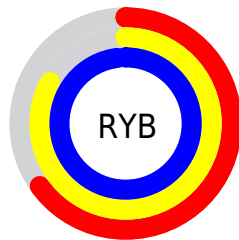
The YUV color **222.8750, 5.9776, -50.7564** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **192.1250, -5.9776, 50.7564**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **166.2880, 6.2670, -50.2416** is the 20% darker color. If you saturate the color by 10%, you get **214.9440, 7.9156, -65.7259**, and if you desaturate by 10%, it is **230.8060, 4.0396, -35.7869**.

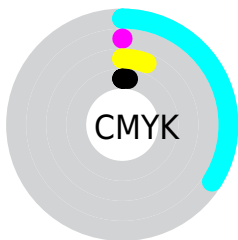
Distribution



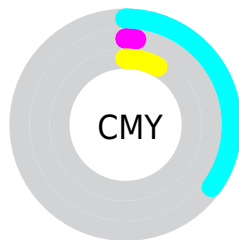
- Red (65%)
- Green (98%)
- Blue (92%)



- Red (65%)
- Yellow (83%)
- Blue (98%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (35%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 222.8750, 5.9776, -50.7564 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 222.8750, 5.9776, -50.7564 by changing the saturation by 10% instead.

 222.8750, 5.9776,
-50.7564


 222.8750, 5.9776,
-50.7564

255.0000, 0.0000,
0.0000


 194.2880, 6.2670,
-50.2416


 245.1330, 4.8644,
-20.2876

 166.2880, 6.2670,
-50.2416

 254.1030, 0.4422,
-1.8443

 139.4020, 6.7038,
-50.3416

 111.9180, 7.4354,
-51.6711

 83.3410, 9.1989,
-57.3041

 61.1350, 8.3144,
-53.6154

 44.4250, 5.2135,

-38.9607

■ 28.5300, 2.6967,
-25.0208

■ 11.9340, 0.0325,
-10.4661

■ 222.8750, 5.9776,
-50.7564

■ 222.8750, 5.9776,
-50.7564

■ 214.9440, 7.9156,
-65.7259

■ 230.8060, 4.0396,
-35.7869

■ 206.8990, 9.4168,
-80.5954

■ 238.8510, 2.5385,
-20.9173

■ 198.9680, 11.3548,
-95.5649

■ 246.7820, 0.6005,
-5.9478

■ 190.9230, 12.8560,
-110.4345

■ 251.8370, 0.5734,
2.7740

■ 182.9920, 14.7939,
-125.4040

■ 252.0650, 1.4470,
2.5740

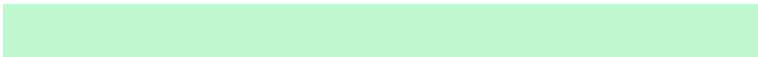
■ 175.0610, 16.7319,
-140.3735

■ 170.2340, 17.6326,
-149.2952

Harmonies

Analogous

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



225.6960, -9.2171, -30.4284



222.8750, 5.9776, -50.7564



221.5780, 16.4770, -58.3889

Triad

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



222.8750, 5.9776, -50.7564



233.7910, 10.4560, 6.3223



228.9370, -21.1679, 22.8573

Complementary

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



222.8750, 5.9776, -50.7564



192.1250, -5.9776, 50.7564

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.



226.5210, -10.1169, 24.9761



222.8750, 5.9776, -50.7564



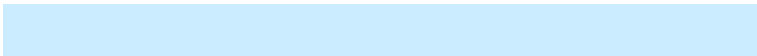
233.2810, 10.7075, 19.0476

Square

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



222.8750, 5.9776, -50.7564



228.2990, 13.1636, -22.1872



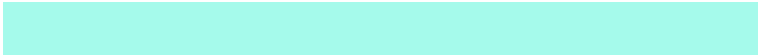
228.4250, 2.2555, 23.3063



232.8240, -26.5352, 17.6944

Rectangle

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



222.8750, 5.9776, -50.7564



221.9100, 16.3134, -52.5411



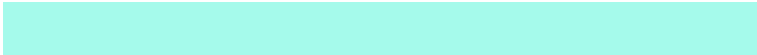
228.4250, 2.2555, 23.3063



227.7460, -18.1158, 23.9018

Sweetspot

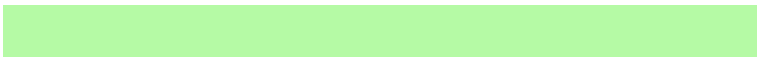
The Sweet Spot groups the original color and five complimentary colors.



222.8750, 5.9776, -50.7564



247.0690, 1.9380, -14.9695



219.6790, -26.9567, -33.9215



122.8740, 1.0481, -9.5365



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

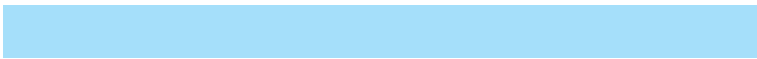
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.8750, 5.9776, -50.7564



221.5530, 7.6154, -62.7520



208.7360, 20.3432, -38.3565



120.8850, 1.0427, -7.7921



128.6130, 13.0088, -112.7936



41.5070, 4.1870, -36.4016

Inverse Universe

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



192.1250, -5.9776, 50.7564



183.5610, -7.1786, 62.6520



206.2640, -20.3432, 38.3565



116.2290, -0.6059, 7.6922



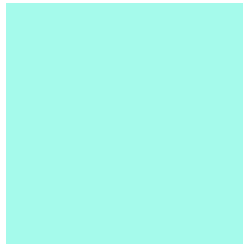
60.2730, -13.4456, 112.8936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 222.8750, 5.9776, -50.7564 looks on a white background.

Color Contrast Check

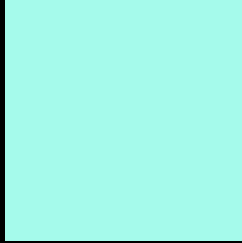
Large Text (above 18pt) WCAG AA × Fail

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 222.8750, 5.9776, -50.7564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

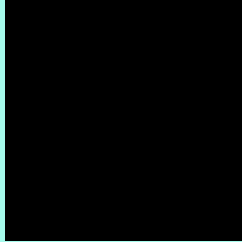
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

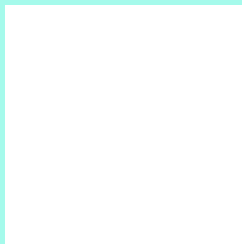
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.8750, 5.9776, -50.7564

Background



This preview shows how black text looks on a background with the YUV color 222.8750, 5.9776, -50.7564.



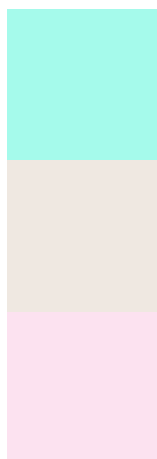
This preview shows how white text looks on a background with the YUV color 222.8750, 5.9776, -50.7564.

-50.7564.

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

222.8750, 5.9776, -50.7564

Protanopia

233.2950, -4.0894, 5.0033

Deuteranopia

235.3700, 2.2826, 14.5845



Tritanopia

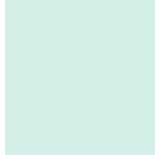
228.8420, 12.8959, -29.6794

Trichromacy



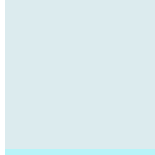
Original Color

222.8750, 5.9776, -50.7564



Protanomaly

229.7870, -0.3880, -15.5992



Deuteranomaly

230.8570, 3.5215, -9.5216



Tritanomaly

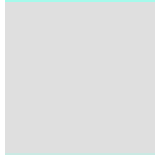
226.5160, 10.5916, -37.2865

Monochromacy



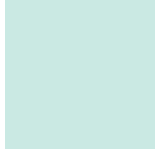
Original Color

222.8750, 5.9776, -50.7564



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.0470, 1.9488, -18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.8750, 5.9776, -50.7564 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(165, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 250, 235)  
}
```

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(165, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 250, 235) }
```

Border

The CSS property to change the border of an element to YUV 222.8750, 5.9776, -50.7564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

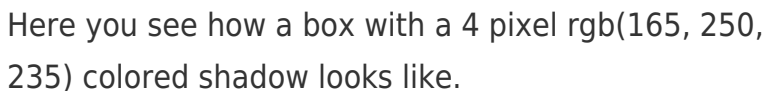
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 250, 235) }
```


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

```
.border{ border-color:rgb(165, 250, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(165, 250,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 222.8750, 5.9776, -50.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 250, 235) }
```

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

```
.background{ background-color: rgb(165,  
250, 235) }
```

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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