

Converting Colors

YUV(212.7580, 0.1193,
-38.3758)

Have a look what the booklet for
YUV(212.7580, 0.1193, -38.3758)
contains.

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Color

**YUV(212.7580, 0.1193,
-38.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EBD5
RGB	169, 235, 213
RGB Percent	66%, 92%, 84%
CMY	0.3373, 0.0784, 0.1647
CMYK	0.28, 0.00, 0.09, 0.08
HSL	160°, 62%, 79%
HSV	160°, 28%, 92%
XYZ	58.0808, 72.6558, 73.9136
YIQ	212.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

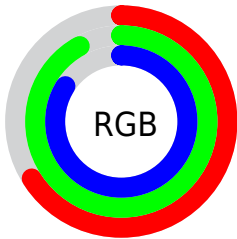
Format	Color
RYB	169, 209, 235
Decimal	11135957
CIELab	88.28, -25.20, 4.03
CIELCh	88, 25.521, 170.923
Yxy	72.6558, 0.2838, 0.3550
Android (android.graphics.Color)	4289326037 (0xFFA9EBD5)
YUV	212.7580, 0.1193, -38.3758
Hunter-Lab	85.2384, -27.5386, 8.2541

Details

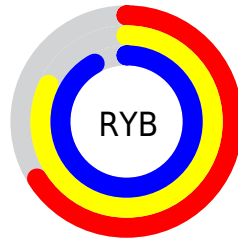
The YUV color $212.7580, 0.1193, -38.3758$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $191.2420, -0.1193, 38.3758$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $157.4700, 0.2613, -37.2462$ is the 20% darker color. If you saturate the color by 10%, you get $204.9690, 0.0153, -51.7158$, and if you desaturate by 10%, it is $220.8460, 0.0759, -24.4209$.

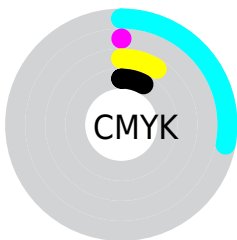
Distribution



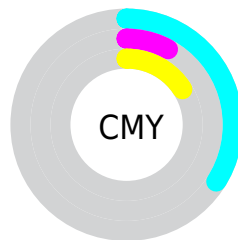
- Red (66%)
- Green (92%)
- Blue (84%)



- Red (66%)
- Yellow (82%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7580, 0.1193, -38.3758 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 212.7580, 0.1193, -38.3758 by changing the saturation by 10% instead.

■ 212.7580, 0.1193,
-38.3758

■ 212.7580, 0.1193,
-38.3758

255.0000, 0.0000,
0.0000

■ 185.0570, -0.0281,
-37.7610

■ 246.3290, 4.2748,
-17.8285

■ 157.4700, 0.2613,
-37.2462

■ 130.8830, 0.5507,
-36.7314

■ 104.9970, 0.9875,
-36.8314

■ 79.5130, 1.7191,
-38.1609

■ 52.3490, 3.7719,
-43.2791

■ 35.4430, 1.2606,

-31.0835

■ 21.4230, -1.6875,
-18.7880

■ 0.0000, 0.0000,
0.0000

■ 212.7580, 0.1193,
-38.3758

■ 212.7580, 0.1193,
-38.3758

■ 204.9690, 0.0153,
-51.7158

■ 220.8460, 0.0759,
-24.4209

■ 196.8810, 0.0587,
-65.6706

■ 228.6350, 0.1799,
-11.0809

■ 188.9070, 0.5388,
-79.7254

■ 236.6090, -0.3002,
2.9739

■ 181.1180, 0.4348,
-93.0655

■ 242.0060, 0.9830,
11.3957

■ 173.3290, 0.3308,
-106.4055

■ 242.9180, 4.4774,
10.5959

■ 165.2410, 0.3742,
-120.3604

■ 243.2600, 5.7878,
10.2960

■ 157.1530, 0.4176,
-134.3152

■ 155.8430, 0.5704,
-136.6743

Harmonies

Analogous

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



215.8500, -12.7440, -19.1624



212.7580, 0.1193, -38.3758



211.4220, 13.1030, -49.4821

Triad

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



212.7580, 0.1193, -38.3758



221.6200, 16.4563, -4.9287



220.6050, -17.5533, 30.1644

Complementary

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



212.7580, 0.1193, -38.3758



191.2420, -0.1193, 38.3758

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.



219.9500, -7.3703, 30.7389



212.7580, 0.1193, -38.3758



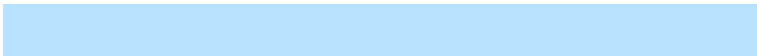
225.5520, 13.0389, 17.9329

Square

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



212.7580, 0.1193, -38.3758



216.7480, 18.8582, -28.7200



222.8000, 3.5496, 28.2394



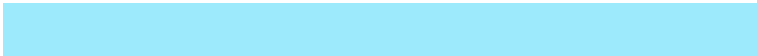
221.0680, -23.2045, 22.7424

Rectangle

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



212.7580, 0.1193, -38.3758



212.7300, 19.3601, -49.7522



222.8000, 3.5496, 28.2394



220.1150, -14.3537, 30.5941

Sweetspot

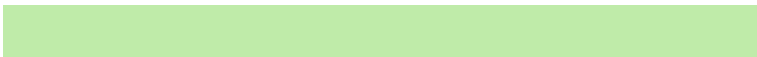
The Sweet Spot groups the original color and five complimentary colors.



212.7580, 0.1193, -38.3758



248.2220, -0.1094, -11.5957



214.3200, -22.3428, -20.4516



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



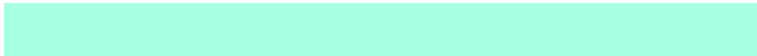
128.0000, 0.0000, 0.0000

Same Dimension

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



212.7580, 0.1193, -38.3758



225.6810, 0.1573, -50.5862



208.8090, 12.9122, -34.9125



113.2550, -0.1257, -6.3626



120.0410, 0.4728, -105.2760



35.8020, 0.0976, -31.3984

Inverse Universe

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



191.2420, -0.1193, 38.3758



197.3190, -0.1573, 50.5862



195.1910, -12.9122, 34.9125



109.6310, -0.3111, 6.4626



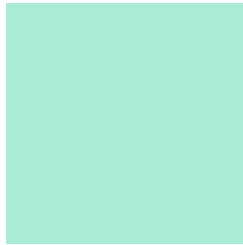
60.9590, -0.4728, 105.2760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 212.7580, 0.1193, -38.3758 looks on a white background.

Color Contrast Check

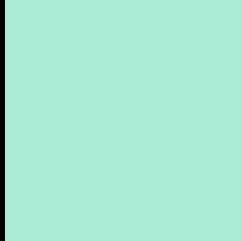
Large Text (above 18pt) WCAG AA × Fail

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 212.7580, 0.1193, -38.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

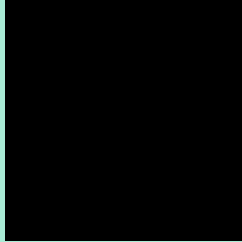
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

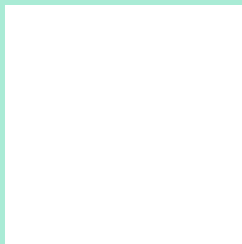
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.7580, 0.1193, -38.3758

Background



This preview shows how black text looks on a background with the YUV color 212.7580, 0.1193, -38.3758.



This preview shows how white text looks on a background with the YUV color 212.7580, 0.1193, -38.3758.

-38.3758.

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

212.7580, 0.1193, -38.3758

Protanopia

220.6820, -7.7312, 6.4179

Deuteranopia

223.0130, -2.9644, 17.5286



Tritanopia

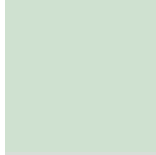
215.9060, 15.8223, -34.9976

Trichromacy



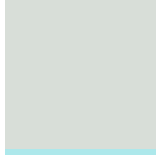
Original Color

212.7580, 0.1193, -38.3758



Protanomaly

217.6800, -4.7722, -9.3664



Deuteranomaly

219.5220, -1.7363, -3.0888



Tritanomaly

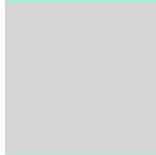
214.7010, 10.0074, -36.5718

Monochromacy



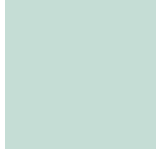
Original Color

212.7580, 0.1193, -38.3758



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7580, 0.1193, -38.3758 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(169, 235, 213)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 213)  
}
```

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(169, 235, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 213) }
```

Border

The CSS property to change the border of an element to YUV 212.7580, 0.1193, -38.3758 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(169, 235, 213) }
```


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

```
.border{ border-color:rgb(169, 235, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 235, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 213);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 212.7580, 0.1193, -38.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 213) }
```

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

```
.background{ background-color: rgb(169,  
235, 213) }
```

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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