

Converting Colors

YUV(212.3830, -4.6258,
-56.4639)

Have a look what the booklet for
YUV(212.3830, -4.6258, -56.4639)
contains.

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Color

**YUV(212.3830, -4.6258,
-56.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	94F7CB
RGB	148, 247, 203
RGB Percent	58%, 97%, 80%
CMY	0.4196, 0.0314, 0.2039
CMYK	0.40, 0.00, 0.18, 0.03
HSL	153°, 86%, 77%
HSV	153°, 40%, 97%
XYZ	56.2530, 77.1292, 68.4225
YIQ	212.3830, -44.8800, -34.6720

Conversions

Conversions Part 2

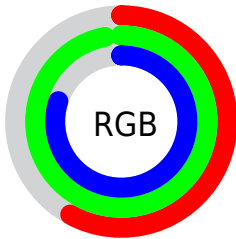
Format	Color
RYB	148, 212, 247
Decimal	9762763
CIELab	90.38, -38.74, 12.11
CIELCh	90, 40.590, 162.644
Yxy	77.1292, 0.2787, 0.3822
Android (android.graphics.Color)	4287952843 (0xFF94F7CB)
YUV	212.3830, -4.6258, -56.4639
Hunter-Lab	87.8232, -39.3569, 15.2838

Details

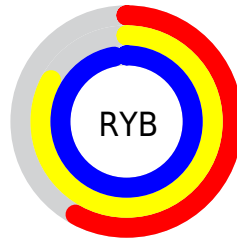
The YUV color **212.3830, -4.6258, -56.4639** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **182.6170, 4.6258, 56.4639**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **156.0240, -3.4628, -56.1490** is the 20% darker color. If you saturate the color by 10%, you get **203.6540, -5.7454, -70.7336**, and if you desaturate by 10%, it is **221.1120, -3.5062, -42.1942**.

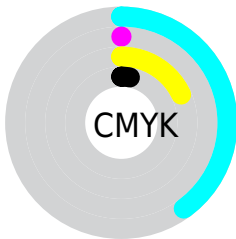
Distribution



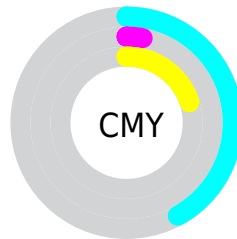
- Red (58%)
- Green (97%)
- Blue (80%)



- Red (58%)
- Yellow (83%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)




- Cyan (42%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.3830, -4.6258, -56.4639 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 212.3830, -4.6258, -56.4639 by changing the saturation by 10% instead.


 212.3830, -4.6258,
-56.4639

 212.3830, -4.6258,
-56.4639

255.0000, 0.0000,
0.0000


 183.9100, -3.8996,
-56.0491


 240.0500, 7.3704,
-30.7388


 156.0240, -3.4628,
-56.1490

 249.0200, 2.9481,
-12.2955

 128.5400, -2.7312,
-57.4786


 99.6750, -0.8258,
-61.9820


 73.0060, 0.4900,
-64.0263


 55.7090, -2.3215,
-48.8568

 39.2270, -4.5489,

-34.4021


 24.1640, -8.9549,
-21.1918

 1.7610, -0.8682,
-1.5444

 212.3830, -4.6258,
-56.4639

 212.3830, -4.6258,
-56.4639


 203.6540, -5.7454,
-70.7336


 221.1120, -3.5062,
-42.1942


 195.2240, -7.0124,
-84.3884

 229.5420, -2.2392,
-28.5393

 186.4950, -8.1320,
-98.6581

 238.2710, -1.1196,
-14.2697

 177.7660, -9.2516,
-112.9278

 247.0000, 0.0000,
0.0000

■ 169.3360,
-10.5186, -126.5827

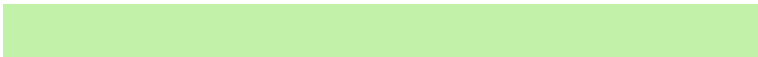
■ 250.3040, 2.3151,
4.1184

■ 160.6070,
-11.6383, -140.8523

Harmonies

Analogous

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



218.7390, -24.5213, -21.6961



212.3830, -4.6258, -56.4639



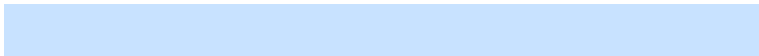
205.5590, 18.4584, -87.3132

Triad

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



212.3830, -4.6258, -56.4639



221.5320, 16.4997, -18.8836



216.7580, -19.6007, 33.5382

Complementary

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



212.3830, -4.6258, -56.4639



182.6170, 4.6258, 56.4639

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.



216.6390, -2.2870, 33.6426



212.3830, -4.6258, -56.4639



229.1610, 12.7386, 20.9068

Square

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



212.3830, -4.6258, -56.4639



210.6360, 21.8715, -61.9478



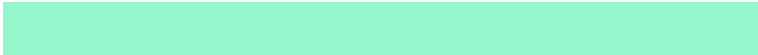
222.9600, 14.3167, 28.0991



221.1800, -33.1197, 29.6601

Rectangle

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



212.3830, -4.6258, -56.4639



201.8660, 26.1951, -95.4755



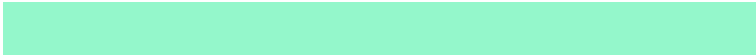
222.9600, 14.3167, 28.0991



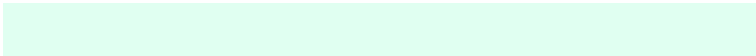
216.1370, -14.3645, 34.0829

Sweetspot

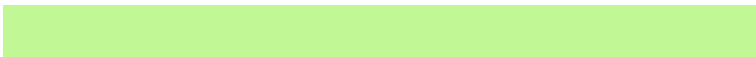
The Sweet Spot groups the original color and five complimentary colors.



212.3830, -4.6258, -56.4639



244.1350, -1.5456, -17.6584



219.5680, -35.2830, -23.3001



121.7060, -0.8411, -10.2662



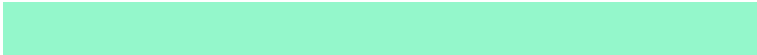
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.3830, -4.6258, -56.4639



212.3660, -5.6034, -69.6040



214.4640, 16.0402, -58.2889



117.8420, -0.4151, -6.8774



120.9240, -8.8365, -106.0503



38.3950, -2.6597, -33.6724

Inverse Universe

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



182.6170, 4.6258, 56.4639



175.6340, 5.6034, 69.6040



180.5360, -16.0402, 58.2889



114.2720, 0.8519, 6.7775



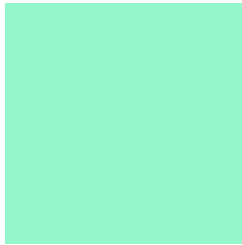
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 212.3830, -4.6258, -56.4639 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 212.3830, -4.6258, -56.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

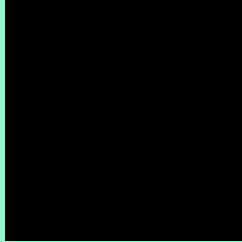
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.3830, -4.6258, -56.4639

Background



This preview shows how black text looks on a background with the YUV color 212.3830, -4.6258, -56.4639.



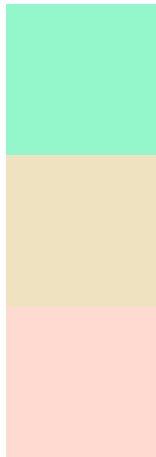
This preview shows how white text looks on a background with the YUV color 212.3830, -4.6258, -56.4639.

-56.4639.

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

212.3830, -4.6258, -56.4639

Protanopia

225.7120, -16.6200, 10.7766

Deuteranopia

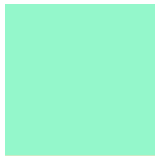
227.7380, -9.2378, 23.0318



Tritanopia

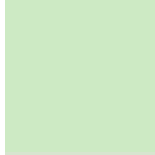
219.9050, 17.3018, -42.8897

Trichromacy



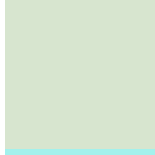
Original Color

212.3830, -4.6258, -56.4639



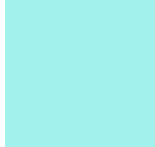
Protanomaly

220.9970, -12.3235, -14.0294



Deuteranomaly

222.3060, -7.5459, -6.4074



Tritanomaly

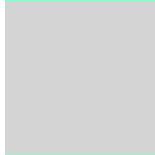
217.1080, 9.3138, -47.4527

Monochromacy



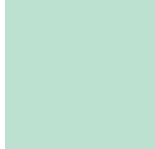
Original Color

212.3830, -4.6258, -56.4639



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.4120, -1.6821, -20.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3830, -4.6258, -56.4639 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(148, 247, 203)` looks like.

```
.text, #text, p{  
    color:rgb(148, 247, 203)  
}
```

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(148, 247, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 247, 203) }
```

Border

The CSS property to change the border of an element to YUV 212.3830, -4.6258, -56.4639 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(148, 247, 203) }
```


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

```
.border{ border-color:rgb(148, 247, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 247, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 247, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 247, 203);  
box-shadow:4px 4px 4px 4px rgb(148, 247,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 212.3830, -4.6258, -56.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 247, 203) }
```

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

```
.background{ background-color: rgb(148,  
247, 203) }
```

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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