

Converting Colors

YUV(207.8300, -5.8322,
-42.8239)

Have a look what the booklet for
YUV(207.8300, -5.8322, -42.8239)
contains.

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Color

**YUV(207.8300, -5.8322,
-42.8239)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FEB C4 |
| RGB | 159, 235, 196 |
| RGB Percent | 62%, 92%, 77% |
| CMY | 0.3765, 0.0784, 0.2314 |
| CMYK | 0.32, 0.00, 0.17, 0.08 |
| HSL | 149°, 66%, 77% |
| HSV | 149°, 32%, 92% |
| XYZ | 53.9702, 70.7731, 63.0406 |
| YIQ | 207.8300, -32.7770, -28.2410 |

Conversions

Conversions Part 2

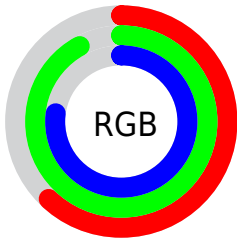
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 159, 210, 235 |
| Decimal | 10480580 |
| CIELab | 87.37, -31.54, 11.54 |
| CIELCh | 87, 33.585, 159.905 |
| Yxy | 70.7731, 0.2874, 0.3769 |
| Android (android.graphics.Color) | 4288670660 (0xFF9FEB4) |
| YUV | 207.8300, -5.8322, -42.8239 |
| Hunter-Lab | 84.1268, -32.7079, 14.4596 |

Details

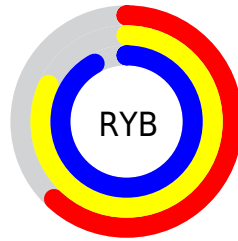
The YUV color **207.8300, -5.8322, -42.8239** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **186.1700, 5.8322, 42.8239**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8120, 5.0227, -24.3911**, and **152.6560, -5.2534, -41.7943** is the 20% darker color. If you saturate the color by 10%, you get **199.5850, -7.6834, -55.7640**, and if you desaturate by 10%, it is **216.3740, -4.1284, -29.2690**.

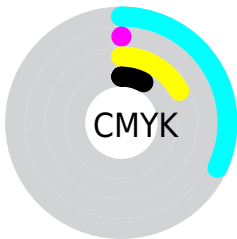
Distribution



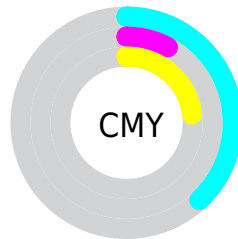
- Red (62%)
- Green (92%)
- Blue (77%)



- Red (62%)
- Yellow (82%)
- Blue (92%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (38%)
- Magenta (8%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.8300, -5.8322, -42.8239 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 207.8300, -5.8322, -42.8239 by changing the saturation by 10% instead.

 207.8300, -5.8322,
-42.8239


 207.8300, -5.8322,
-42.8239

255.0000, 0.0000,
0.0000


 180.2430, -5.5428,
-42.3091


 242.8120, 5.0227,
-24.3911


 152.6560, -5.2534,
-41.7943

 252.0100, 1.4741,
-6.1478

 125.8840, -4.3798,
-41.9943

 99.6990, -3.7956,
-42.7090

 72.7310, -2.3324,
-45.3681

 49.8560, -1.9010,
-43.7237

 33.3740, -4.1284,

-29.2690

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 207.8300, -5.8322,
-42.8239

■ 207.8300, -5.8322,
-42.8239

■ 199.5850, -7.6834,
-55.7640

■ 216.3740, -4.1284,
-29.2690

■ 191.0410, -9.3872,
-69.3190

■ 224.6190, -2.2772,
-16.3289

■ 182.7960,
-11.2384, -82.2591

■ 233.1630, -0.5734,
-2.7740

■ 174.2520,
-12.9422, -95.8140

■ 241.4080, 1.2779,
10.1662

■ 166.0070,
-14.7935, -108.7541

■ 243.2600, 5.7878,
10.2960

■ 157.4630,
-16.4973, -122.3091

■ 150.9410,
-18.2119, -132.3753

Harmonies

Analogous

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



212.2930, -21.3434, -14.2890



207.8300, -5.8322, -42.8239



203.7960, 12.4256, -65.5961

Triad

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



207.8300, -5.8322, -42.8239



215.0420, 19.6993, -18.4538



214.0510, -17.2801, 35.9123

Complementary

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



207.8300, -5.8322, -42.8239



186.1700, 5.8322, 42.8239

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.



214.5360, -2.7292, 35.4869



207.8300, -5.8322, -42.8239



221.4420, 16.5441, 13.6444

Square

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



207.8300, -5.8322, -42.8239



207.4570, 23.4387, -51.2668



220.0590, 10.8169, 30.6433



217.7550, -28.4732, 32.6639

Rectangle

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



207.8300, -5.8322, -42.8239



202.9120, 23.2144, -72.7138



220.0590, 10.8169, 30.6433



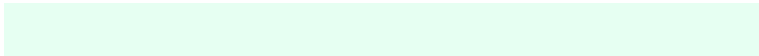
214.0170, -12.3334, 35.9421

Sweetspot

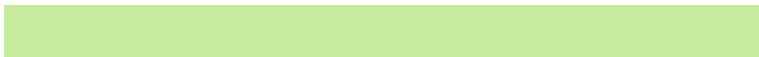
The Sweet Spot groups the original color and five complimentary colors.



207.8300, -5.8322, -42.8239



246.0430, -1.9932, -14.0697



215.2730, -27.7426, -15.1484



122.3040, -1.1359, -9.0366



0.0000, 0.0000, 0.0000



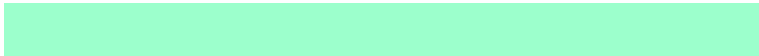
128.0000, 0.0000, 0.0000

Same Dimension

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



207.8300, -5.8322, -42.8239



219.5850, -7.6834, -55.7640



212.1620, 10.7661, -46.6231



113.0270, -0.9993, -6.1627



116.2790, -13.9415, -101.9767



34.6620, -4.2704, -30.3986

Inverse Universe

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



186.1700, 5.8322, 42.8239



191.4150, 7.6834, 55.7640



181.8380, -10.7661, 46.6231



109.9730, 0.9993, 6.1627



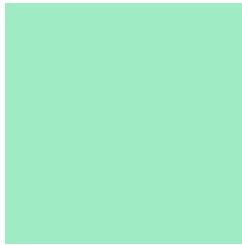
64.7210, 13.9415, 101.9767



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 207.8300, -5.8322, -42.8239 looks on a white background.

Color Contrast Check

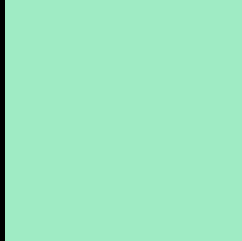
Large Text (above 18pt) WCAG AA × Fail

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 207.8300, -5.8322, -42.8239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

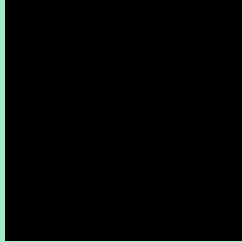
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.8300, -5.8322, -42.8239

Background



This preview shows how black text looks on a background with the YUV color 207.8300, -5.8322, -42.8239.



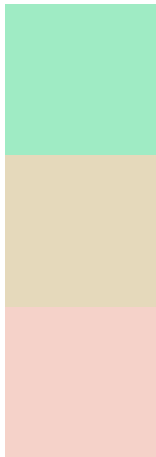
This preview shows how white text looks on a background with the YUV color 207.8300, -5.8322, -42.8239.

-42.8239.

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

207.8300, -5.8322, -42.8239

Protanopia

217.1680, -14.8728, 10.3767

Deuteranopia

219.4390, -9.0904, 22.4170



Tritanopia

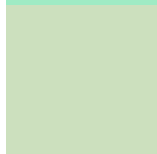
212.7100, 16.4120, -37.4567

Trichromacy



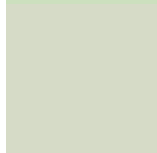
Original Color

207.8300, -5.8322, -42.8239



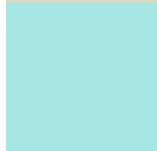
Protanomaly

214.1440, -11.9030, -8.8963



Deuteranomaly

215.2250, -7.9989, -1.0743



Tritanomaly

211.2230, 8.2711, -39.6606

Monochromacy



Original Color

207.8300, -5.8322, -42.8239



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.0320, -1.9878, -15.8141

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8300, -5.8322, -42.8239 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(159, 235, 196)` looks like.

```
.text, #text, p{  
    color:rgb(159, 235, 196)  
}
```

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(159, 235, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 235, 196) }
```

Border

The CSS property to change the border of an element to YUV 207.8300, -5.8322, -42.8239 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(159, 235, 196) }
```


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

```
.border{ border-color:rgb(159, 235, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 235, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 235, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 235, 196);  
box-shadow:4px 4px 4px 4px rgb(159, 235,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 207.8300, -5.8322, -42.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 235, 196) }
```

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

```
.background{ background-color: rgb(159,  
235, 196) }
```

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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