

Converting Colors

YUV(207.2140, 1.8665,
-38.7757)

Have a look what the booklet for
YUV(207.2140, 1.8665, -38.7757)
contains.

YUV(207.2140, 1.8665, -38.7757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(207.2140, 1.8665,
-38.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E5D3
RGB	163, 229, 211
RGB Percent	64%, 90%, 83%
CMY	0.3608, 0.1020, 0.1725
CMYK	0.29, 0.00, 0.08, 0.10
HSL	164°, 56%, 77%
HSV	164°, 29%, 90%
XYZ	54.8814, 68.5283, 71.9627
YIQ	207.2140, -33.5580, -19.5900

Conversions

Conversions Part 2

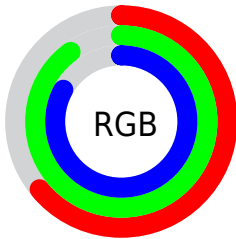
Format	Color
RYB	163, 201, 229
Decimal	10741203
CIELab	86.27, -24.46, 2.12
CIELCh	86, 24.553, 175.058
Yxy	68.5283, 0.2809, 0.3508
Android (android.graphics.Color)	4288931283 (0xFFA3E5D3)
YUV	207.2140, 1.8665, -38.7757
Hunter-Lab	82.7818, -26.5290, 6.4061

Details

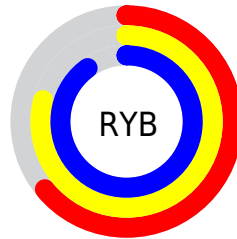
The YUV color $207.2140, 1.8665, -38.7757$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.7860, -1.8665, 38.7757$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2360, 5.3067, -22.1320$, and $152.0400, 2.4453, -37.7461$ is the 20% darker color. If you saturate the color by 10%, you get $199.6530, 2.6361, -52.3157$, and if you desaturate by 10%, it is $214.7750, 1.0969, -25.2357$.

Distribution



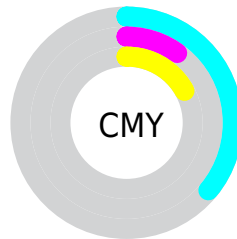
- Red (64%)
- Green (90%)
- Blue (83%)



- Red (64%)
- Yellow (79%)
- Blue (90%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (36%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.2140, 1.8665, -38.7757 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 207.2140, 1.8665, -38.7757 by changing the saturation by 10% instead.

 207.2140, 1.8665,
-38.7757

 207.2140, 1.8665,
-38.7757


255.0000, 0.0000,
0.0000


 179.5130, 1.7191,
-38.1609


 244.2360, 5.3067,
-22.1320

 152.0400, 2.4453,
-37.7461

 252.9070, 1.0318,
-4.3034

 125.9260, 2.0085,
-37.6461

 100.0400, 2.4453,
-37.7461

 74.5560, 3.1769,
-39.0756

 48.2890, 4.7875,
-42.3495

 32.9810, 1.9814,

-28.9243

■ 19.4340, -1.6930,
-17.0436

■ 0.0000, 0.0000,
0.0000

■ 207.2140, 1.8665,
-38.7757

■ 207.2140, 1.8665,
-38.7757

■ 199.6530, 2.6361,
-52.3157

■ 214.7750, 1.0969,
-25.2357

■ 192.0920, 3.4056,
-65.8557

■ 222.3360, 0.3274,
-11.6957

■ 184.4170, 3.7384,
-79.2957

■ 230.0110, -0.0054,
1.7444

■ 176.8560, 4.5080,
-92.8357

■ 237.5720, -0.7750,
15.2844

■ 169.5940, 5.1302,
-105.7609

■ 238.2560, 1.8458,
14.6845

■ 162.0330, 5.8997,
-119.3009

■ 238.9400, 4.4666,
14.0846

■ 154.3580, 6.2325,
-132.7410

■ 239.7380, 7.5242,
13.3848

■ 153.4610, 6.6747,
-134.5853

Harmonies

Analogous

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



209.8220, -10.2652, -20.8919



207.2140, 1.8665, -38.7757



206.6610, 13.9711, -47.9377

Triad

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



207.2140, 1.8665, -38.7757



217.2120, 18.6295, -1.9399



216.9860, -18.7271, 33.3383

Complementary

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



207.2140, 1.8665, -38.7757



184.7860, -1.8665, 38.7757

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.



216.1030, -9.4178, 34.1127



207.2140, 1.8665, -38.7757



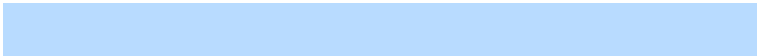
219.8080, 11.4337, 19.4624

Square

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



207.2140, 1.8665, -38.7757



212.6390, 20.8840, -25.1164



218.8390, 1.0654, 31.7132



215.2740, -22.3201, 19.0537

Rectangle

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



207.2140, 1.8665, -38.7757



207.5670, 19.9335, -46.9783



218.8390, 1.0654, 31.7132



216.3820, -15.9643, 33.8680

Sweetspot

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



207.2140, 1.8665, -38.7757



247.4390, 0.7696, -13.5400



207.4230, -21.9005, -22.2960



123.0590, 0.4639, -8.8217



0.0000, 0.0000, 0.0000



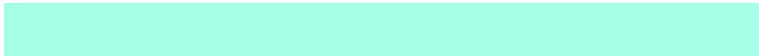
128.0000, 0.0000, 0.0000

Same Dimension

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



207.2140, 1.8665, -38.7757



225.6530, 2.6361, -52.3157



201.0480, 13.7803, -33.3681



111.0700, 0.4585, -7.0774



119.8930, 4.9828, -105.1462



34.1550, 1.4026, -29.9539

Inverse Universe

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



184.7860, -1.8665, 38.7757



195.3470, -2.6361, 52.3157



190.9520, -13.7803, 33.3681



106.9300, -0.4585, 7.0774



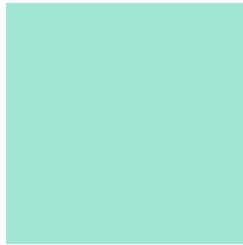
59.1070, -4.9828, 105.1462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 207.2140, 1.8665, -38.7757 looks on a white background.

Color Contrast Check

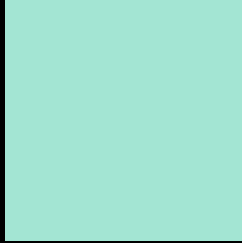
Large Text (above 18pt) WCAG AA × Fail

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 207.2140, 1.8665, -38.7757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

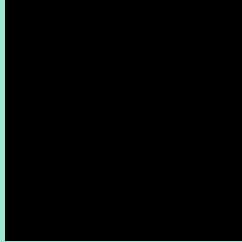
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

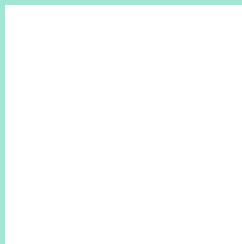
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 207.2140, 1.8665, -38.7757

Background



This preview shows how black text looks on a background with the YUV color 207.2140, 1.8665, -38.7757.



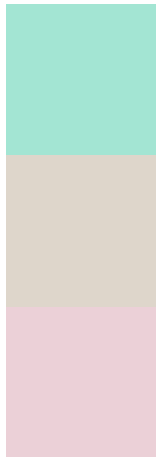
This preview shows how white text looks on a background with the YUV color 207.2140, 1.8665, -38.7757.

-38.7757.

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

207.2140, 1.8665, -38.7757

Protanopia

215.1380, -5.9840, 6.0180

Deuteranopia

216.8710, -0.9224, 15.8991



Tritanopia

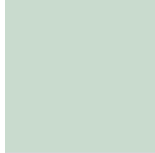
209.9060, 15.8223, -34.9976

Trichromacy



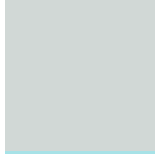
Original Color

207.2140, 1.8665, -38.7757



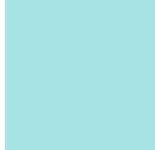
Protanomaly

212.1360, -3.0250, -9.7663



Deuteranomaly

213.6790, 0.1583, -4.1035



Tritanomaly

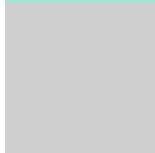
208.9290, 10.8810, -36.7717

Monochromacy



Original Color

207.2140, 1.8665, -38.7757



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.2140, 1.8665, -38.7757 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(163, 229, 211)` looks like.

```
.text, #text, p{  
    color:rgb(163, 229, 211)  
}
```

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(163, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 229, 211) }
```

Border

The CSS property to change the border of an element to YUV 207.2140, 1.8665, -38.7757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

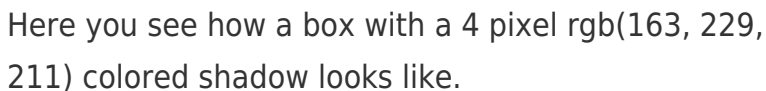
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 229, 211) }
```


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

```
.border{ border-color:rgb(163, 229, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 229, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 229, 211); box-shadow:4px 4px 4px 4px rgb(163, 229, 211) }
```

Background

The CSS property to change the background color of an element to YUV 207.2140, 1.8665, -38.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 229, 211) }
```

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

```
.background{ background-color: rgb(163,  
229, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor