

Converting Colors

YUV(203.8070, -0.8909,
-41.0497)

Have a look what the booklet for
YUV(203.8070, -0.8909, -41.0497)
contains.

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Color

**YUV(203.8070, -0.8909,
-41.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE4CA
RGB	157, 228, 202
RGB Percent	62%, 89%, 79%
CMY	0.3843, 0.1059, 0.2078
CMYK	0.31, 0.00, 0.11, 0.11
HSL	158°, 57%, 75%
HSV	158°, 31%, 89%
XYZ	52.3087, 66.9192, 66.0368
YIQ	203.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

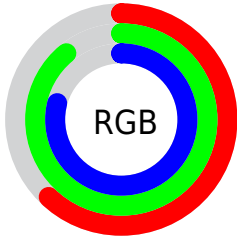
Format	Color
R _Y B	157, 200, 228
Decimal	10347722
CIE Lab	85.46, -27.59, 5.64
CIE LCh	85, 28.166, 168.442
Yxy	66.9192, 0.2823, 0.3612
Android (android.graphics.Color)	4288537802 (0xFF9DE4CA)
YUV	203.8070, -0.8909, -41.0497
Hunter-Lab	81.8041, -29.0175, 9.4007

Details

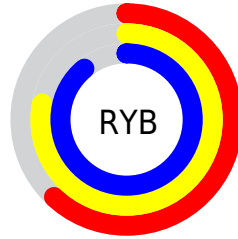
The YUV color $203.8070, -0.8909, -41.0497$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $181.1930, 0.8909, 41.0497$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4420, 6.1911, -25.8206$, and $148.6330, -0.3121, -40.0201$ is the 20% darker color. If you saturate the color by 10%, you get $196.0180, -0.9949, -54.3898$, and if you desaturate by 10%, it is $211.5960, -0.7868, -27.7097$.

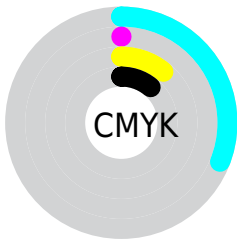
Distribution



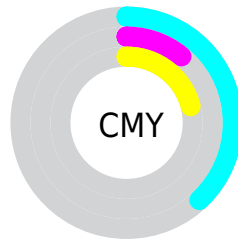
- Red (62%)
- Green (89%)
- Blue (79%)



- Red (62%)
- Yellow (78%)
- Blue (89%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8070, -0.8909, -41.0497 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 203.8070, -0.8909, -41.0497 by changing the saturation by 10% instead.


 203.8070, -0.8909,
-41.0497


 203.8070, -0.8909,
-41.0497

255.0000, 0.0000,
0.0000


 176.2200, -0.6015,
-40.5349


 242.4420, 6.1911,
-25.8206


 148.6330, -0.3121,
-40.0201

 251.1130, 1.9163,
-7.9921

 122.0460, -0.0227,
-39.5053

 96.4480, 0.2721,
-40.7349

 69.8930, 2.0248,
-42.8792

 46.9040, 2.0193,
-41.1348

 31.0090, -0.4974,

-27.1949

■ 17.0060, -5.9190,
-14.9143

■ 0.0000, 0.0000,
0.0000

■ 203.8070, -0.8909,
-41.0497

■ 203.8070, -0.8909,
-41.0497

■ 196.0180, -0.9949,
-54.3898

■ 211.5960, -0.7868,
-27.7097

■ 188.1150, -1.5357,
-67.6299

■ 219.4990, -0.2460,
-14.4696

■ 180.6250, -1.7871,
-80.3551

■ 226.9890, 0.0054,
-1.7444

■ 172.8360, -1.8911,
-93.6952

■ 234.7780, 0.1094,
11.5957

■ 164.9330, -2.4320,
-106.9352

■ 237.8970, 3.0088,
14.9993

■ 157.1440, -2.5360,
-120.2753

■ 238.8090, 6.5032,
14.1995

■ 150.3660, -2.6454,
-131.8710

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



207.3940, -14.4912, -18.7625



203.8070, -0.8909, -41.0497



201.7910, 13.4140, -55.9447

Triad

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



203.8070, -0.8909, -41.0497



213.3360, 20.5404, -8.1877



213.5950, -19.0273, 36.3122

Complementary

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



203.8070, -0.8909, -41.0497



181.1930, 0.8909, 41.0497

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.



213.2820, -7.5340, 36.5867



203.8070, -0.8909, -41.0497



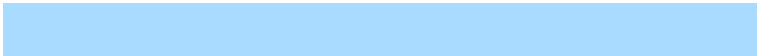
217.5350, 15.5122, 17.9478

Square

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



203.8070, -0.8909, -41.0497



207.8550, 23.2425, -34.9528



216.3600, 4.2595, 33.8873



213.2210, -25.2520, 26.1162

Rectangle

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



203.8070, -0.8909, -41.0497



202.5550, 21.4184, -56.6147



216.3600, 4.2595, 33.8873



213.2190, -15.3910, 36.6419

Sweetspot

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



203.8070, -0.8909, -41.0497



247.2110, -0.1040, -13.3400



206.4510, -24.3793, -20.5665



122.8310, -0.4097, -8.6218



0.0000, 0.0000, 0.0000



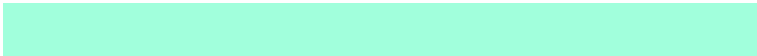
128.0000, 0.0000, 0.0000

Same Dimension

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



203.8070, -0.8909, -41.0497



222.9040, -1.4317, -54.2898



201.4880, 13.0704, -39.0160



110.9560, 0.0217, -6.9774



117.9550, -2.4428, -103.4465



33.5850, -0.7814, -29.4540

Inverse Universe

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



181.1930, 0.8909, 41.0497



192.9820, 0.9949, 54.3898



183.5120, -13.0704, 39.0160



107.0440, -0.0217, 6.9774



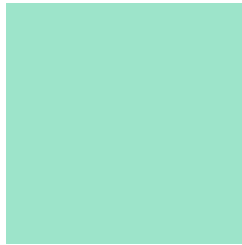
60.9310, 2.0060, 103.5465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 203.8070, -0.8909, -41.0497 looks on a white background.

Color Contrast Check

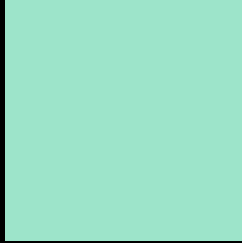
Large Text (above 18pt) WCAG AA × Fail

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 203.8070, -0.8909, -41.0497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

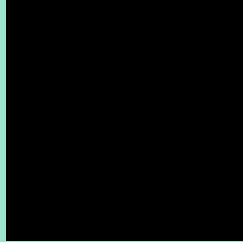
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.8070, -0.8909, -41.0497

Background



This preview shows how black text looks on a background with the YUV color 203.8070, -0.8909, -41.0497.



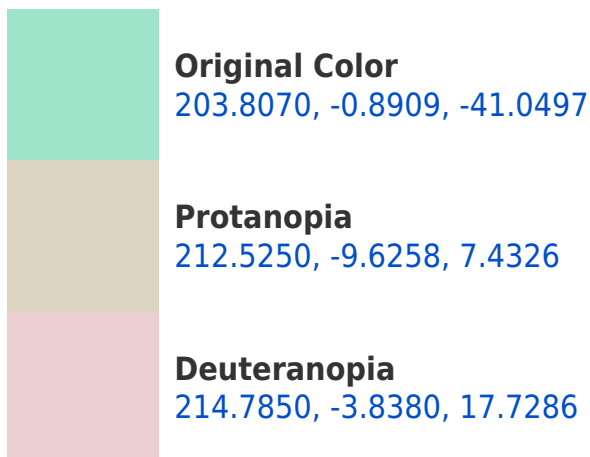
This preview shows how white text looks on a background with the YUV color 203.8070, -0.8909, -41.0497.

-41.0497.

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





Tritanopia

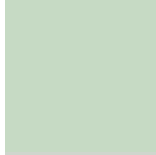
207.0090, 16.2646, -36.8419

Trichromacy



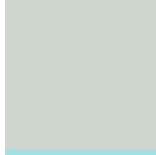
Original Color

203.8070, -0.8909, -41.0497



Protanomaly

209.5120, -6.6614, -10.0960



Deuteranomaly

210.8810, -2.8993, -3.4036



Tritanomaly

205.6900, 10.0128, -38.3161

Monochromacy



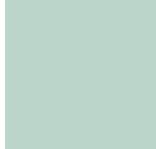
Original Color

203.8070, -0.8909, -41.0497



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.0860, -0.5354, -14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8070, -0.8909, -41.0497 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(157, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(157, 228, 202)  
}
```

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(157, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 228, 202) }
```

Border

The CSS property to change the border of an element to YUV 203.8070, -0.8909, -41.0497 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(157, 228, 202) }
```


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

```
.border{ border-color:rgb(157, 228, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(157, 228,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 203.8070, -0.8909, -41.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 228, 202) }
```

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

```
.background{ background-color: rgb(157,  
228, 202) }
```

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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