

Converting Colors

YUV(203.0350, -0.0173,
-41.2497)

Have a look what the booklet for
YUV(203.0350, -0.0173, -41.2497)
contains.

YUV(203.0350, -0.0173, -41.2497)	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(203.0350, -0.0173,
-41.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE3CB
RGB	156, 227, 203
RGB Percent	61%, 89%, 80%
CMY	0.3882, 0.1098, 0.2039
CMYK	0.31, 0.00, 0.11, 0.11
HSL	160°, 56%, 75%
HSV	160°, 31%, 89%
XYZ	51.9589, 66.3179, 66.5620
YIQ	203.0350, -34.6120, -22.5160

Conversions

Conversions Part 2

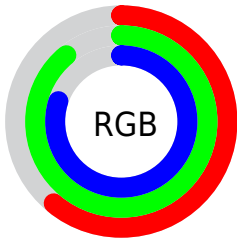
Format	Color
RYB	156, 199, 227
Decimal	10281931
CIELab	85.16, -27.20, 4.67
CIELCh	85, 27.594, 170.256
Yxy	66.3179, 0.2811, 0.3588
Android (android.graphics.Color)	4288472011 (0xFF9CE3CB)
YUV	203.0350, -0.0173, -41.2497
Hunter-Lab	81.4358, -28.6234, 8.5440

Details

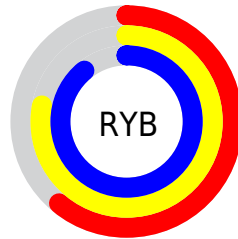
The YUV color **203.0350, -0.0173, -41.2497** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.9650, 0.0173, 41.2497**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **147.8610, 0.5615, -40.2201** is the 20% darker color. If you saturate the color by 10%, you get **195.2460, -0.1213, -54.5897**, and if you desaturate by 10%, it is **210.8240, 0.0868, -27.9096**.

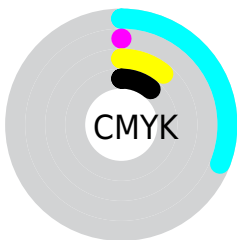
Distribution



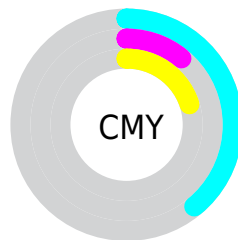
- Red (61%)
- Green (89%)
- Blue (80%)



- Red (61%)
- Yellow (78%)
- Blue (89%)



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



- Cyan (39%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0350, -0.0173, -41.2497 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 203.0350, -0.0173, -41.2497 by changing the saturation by 10% instead.

■ 203.0350, -0.0173,
-41.2497

■ 203.0350, -0.0173,
-41.2497

255.0000, 0.0000,
0.0000

■ 175.4480, 0.2721,
-40.7349

■ 242.1430, 6.3385,
-26.4354

■ 147.8610, 0.5615,
-40.2201

■ 250.8140, 2.0637,
-8.6069

■ 121.8610, 0.5615,
-40.2201

■ 95.6760, 1.1457,
-40.9349

■ 69.4090, 2.7564,
-44.2087

■ 47.0180, 2.4561,
-41.2348

■ 31.1230, -0.0606,

-27.2949

■ 16.5330, -5.1928,
-14.4994

■ 0.0000, 0.0000,
0.0000

■ 203.0350, -0.0173,
-41.2497

■ 203.0350, -0.0173,
-41.2497

■ 195.2460, -0.1213,
-54.5897

■ 210.8240, 0.0868,
-27.9096

■ 187.8700, 0.0641,
-67.4150

■ 218.2000, -0.0986,
-15.0844

■ 180.0810, -0.0399,
-80.7550

■ 225.9890, 0.0054,
-1.7444

■ 172.2920, -0.1440,
-94.0951

■ 233.7780, 0.1094,
11.5957

■ 164.9160, 0.0414,
-106.9203

■ 236.9680, 1.9878,
15.8141

■ 157.1270, -0.0626,
-120.2604

■ 237.8800, 5.4822,
15.0142

■ 150.3490, -0.1721,
-131.8561

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



206.3230, -13.4702, -19.5773



203.0350, -0.0173, -41.2497



201.0300, 14.2822, -54.4003

Triad

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



203.0350, -0.0173, -41.2497



213.3470, 20.5349, -6.4433



213.4810, -19.4641, 36.4122

Complementary

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



203.0350, -0.0173, -41.2497



179.9650, 0.0173, 41.2497

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.



213.0540, -8.4076, 36.7866



203.0350, -0.0173, -41.2497



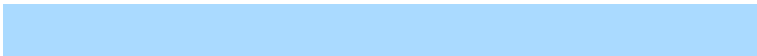
216.6060, 14.4912, 18.7625

Square

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



203.0350, -0.0173, -41.2497



207.8660, 23.2371, -33.2085



216.0180, 2.9491, 34.1872



212.3240, -24.8097, 24.2719

Rectangle

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



203.0350, -0.0173, -41.2497



202.1530, 21.1236, -55.3852



216.0180, 2.9491, 34.1872



212.9910, -16.2646, 36.8419

Sweetspot

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



203.0350, -0.0173, -41.2497



247.2110, -0.1040, -13.3400



205.1520, -24.2319, -21.1813



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



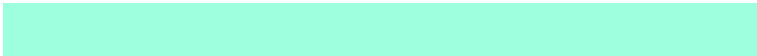
128.0000, 0.0000, 0.0000

Same Dimension

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



203.0350, -0.0173, -41.2497



222.2350, -0.1159, -56.3341



199.3140, 13.6492, -37.9864



110.9560, 0.0217, -6.9774



118.5250, -0.2588, -103.9464



33.8130, 0.0922, -29.6540

Inverse Universe

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



179.9650, 0.0173, 41.2497



190.7650, 0.1159, 56.3341



183.6860, -13.6492, 37.9864



107.0440, -0.0217, 6.9774



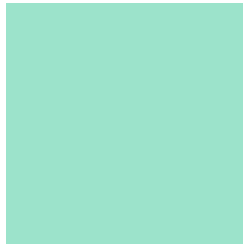
60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 203.0350, -0.0173, -41.2497 looks on a white background.

Color Contrast Check

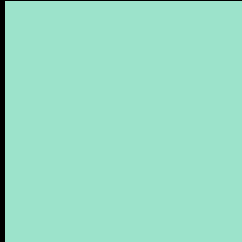
Large Text (above 18pt) WCAG AA × Fail

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 203.0350, -0.0173, -41.2497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

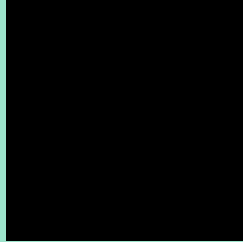
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0350, -0.0173, -41.2497

Background



This preview shows how black text looks on a background with the YUV color 203.0350, -0.0173, -41.2497.



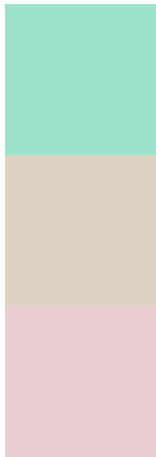
This preview shows how white text looks on a background with the YUV color 203.0350, -0.0173,

-41.2497.

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

203.0350, -0.0173, -41.2497

Protanopia

211.7530, -8.7522, 7.2326

Deuteranopia

214.0130, -2.9644, 17.5286



Tritanopia

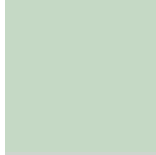
206.5960, 15.9752, -37.3567

Trichromacy



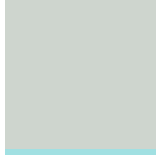
Original Color

203.0350, -0.0173, -41.2497



Protanomaly

208.7400, -5.7878, -10.2960



Deuteranomaly

210.1090, -2.0257, -3.6036



Tritanomaly

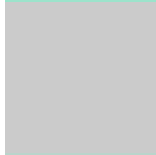
205.3910, 10.1602, -38.9309

Monochromacy



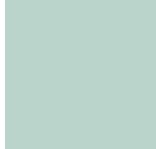
Original Color

203.0350, -0.0173, -41.2497



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.2000, -0.0986, -15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0350, -0.0173, -41.2497 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(156, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(156, 227, 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(156, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 227, 203) }
```

Border

The CSS property to change the border of an element to YUV 203.0350, -0.0173, -41.2497 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(156, 227, 203) }
```


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

```
.border{ border-color:rgb(156, 227, 203) }
```

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

Here you see how a box with a 4 pixel rgb(156, 227, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(156, 227,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 203.0350, -0.0173, -41.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 227, 203) }
```

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

```
.background{ background-color: rgb(156,  
227, 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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