

Converting Colors

YUV(196.9860, 0.9929,
-38.5757)

Have a look what the booklet for
YUV(196.9860, 0.9929, -38.5757)
contains.

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Color

**YUV(196.9860, 0.9929,
-38.5757)**

Conversions

Conversions Part 1

Format	Color
Hex	99DBC7
RGB	153, 219, 199
RGB Percent	60%, 86%, 78%
CMY	0.4000, 0.1412, 0.2196
CMYK	0.30, 0.00, 0.09, 0.14
HSL	162°, 48%, 73%
HSV	162°, 30%, 86%
XYZ	48.7772, 61.5589, 63.3440
YIQ	196.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

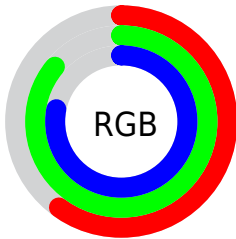
Format	Color
RYB	153, 192, 219
Decimal	10083271
CIELab	82.68, -25.03, 3.18
CIELCh	83, 25.228, 172.770
Yxy	61.5589, 0.2808, 0.3544
Android (android.graphics.Color)	4288273351 (0xFF99DBC7)
YUV	196.9860, 0.9929, -38.5757
Hunter-Lab	78.4595, -26.3330, 7.0540

Details

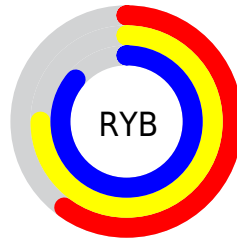
The YUV color $196.9860, 0.9929, -38.5757$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.0140, -0.9929, 38.5757$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.2460, 6.7807, -28.2797$, and $142.6980, 1.1349, -37.4461$ is the 20% darker color. If you saturate the color by 10%, you get $189.6100, 1.1783, -51.4010$, and if you desaturate by 10%, it is $204.3620, 0.8075, -25.7505$.

Distribution



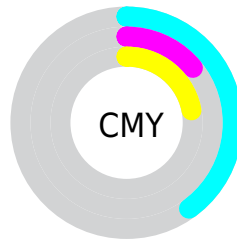
- Red (60%)
- Green (86%)
- Blue (78%)



- Red (60%)
- Yellow (75%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (40%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.9860, 0.9929, -38.5757 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 196.9860, 0.9929, -38.5757 by changing the saturation by 10% instead.


 196.9860, 0.9929,
-38.5757


 196.9860, 0.9929,
-38.5757


255.0000, 0.0000,
0.0000


 169.3990, 1.2823,
-38.0609

 241.2460, 6.7807,
-28.2797

 142.6980, 1.1349,
-37.4461

 249.9170, 2.5059,
-10.4512

 115.9260, 2.0085,
-37.6461

 90.6270, 2.1559,
-38.2609

 64.5450, 3.1823,
-40.8200

 42.5670, 3.1715,
-37.3313

 27.2590, 0.3653,

-23.9061

■ 10.2070, -4.0461,
-8.9515

■ 0.0000, 0.0000,
0.0000

■ 196.9860, 0.9929,
-38.5757

■ 196.9860, 0.9929,
-38.5757

■ 189.6100, 1.1783,
-51.4010

■ 204.3620, 0.8075,
-25.7505

■ 182.3480, 1.8004,
-64.3262

■ 211.6240, 0.1854,
-12.8252

■ 174.9720, 1.9858,
-77.1514

■ 219.0000, 0.0000,
0.0000

■ 167.5960, 2.1712,
-89.9767

■ 226.3760, -0.1854,
12.8252

■ 160.6330, 2.6459,
-102.2871

■ 231.2460, 0.3717,
20.8323

■ 153.2570, 2.8313,
-115.1124

■ 232.0440, 3.4293,
20.1324

■ 145.9950, 3.4535,
-128.0376

■ 232.7280, 6.0501,
19.5325

■ 233.5260, 9.1077,
18.8327

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



199.8930, -11.2862, -20.0772



196.9860, 0.9929, -38.5757



195.8350, 13.3923, -48.9673

Triad

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



196.9860, 0.9929, -38.5757



207.3580, 20.5295, -4.6990



207.5840, -19.0219, 34.5678

Complementary

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



196.9860, 0.9929, -38.5757



175.0140, -0.9929, 38.5757

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.



209.3210, -10.0183, 40.0605



196.9860, 0.9929, -38.5757



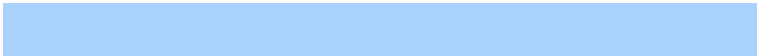
209.7370, 12.4547, 18.6477

Square

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



196.9860, 0.9929, -38.5757



202.8280, 24.2418, -28.7902



209.6760, 1.6387, 34.4871



205.1710, -22.7623, 20.8980

Rectangle

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



196.9860, 0.9929, -38.5757



196.5560, 19.9389, -48.7226



209.6760, 1.6387, 34.4871



208.2900, -16.4120, 37.4567

Sweetspot

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



196.9860, 0.9929, -38.5757



247.3250, 0.3328, -13.4400



198.0210, -22.1954, -21.0664



122.9450, 0.0271, -8.7218



0.0000, 0.0000, 0.0000



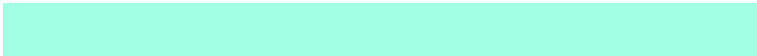
128.0000, 0.0000, 0.0000

Same Dimension

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



196.9860, 0.9929, -38.5757



224.3000, 1.3311, -53.7601



192.2220, 13.2016, -34.3977



106.2550, -0.1257, -6.3626



115.3450, 2.7879, -101.1576



30.6500, 0.6656, -26.8800

Inverse Universe

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



175.0140, -0.9929, 38.5757



193.7000, -1.3311, 53.7601



179.7780, -13.2016, 34.3977



102.6310, -0.3111, 6.4626



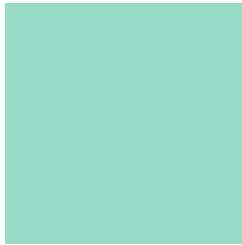
57.7690, -2.3511, 101.0576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 196.9860, 0.9929, -38.5757 looks on a white background.

Color Contrast Check

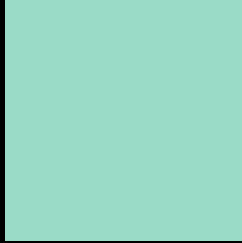
Large Text (above 18pt) WCAG AA × Fail

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 196.9860, 0.9929, -38.5757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

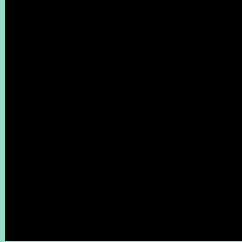
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.9860, 0.9929, -38.5757

Background



This preview shows how black text looks on a background with the YUV color 196.9860, 0.9929, -38.5757.



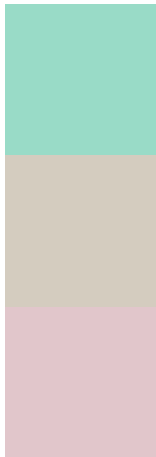
This preview shows how white text looks on a background with the YUV color 196.9860, 0.9929,

-38.5757.

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

196.9860, 0.9929, -38.5757

Protanopia

204.9100, -6.8576, 6.2179

Deuteranopia

206.6430, -1.7960, 16.0991



Tritanopia

199.7920, 15.3855, -34.8976

Trichromacy



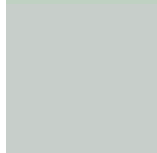
Original Color

196.9860, 0.9929, -38.5757



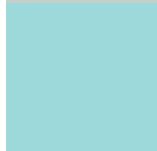
Protanomaly

201.9080, -3.8986, -9.5663



Deuteranomaly

203.4510, -0.7153, -3.9035



Tritanomaly

198.7010, 10.0074, -36.5718

Monochromacy



Original Color

196.9860, 0.9929, -38.5757



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.9860, 0.9929, -38.5757 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(153, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 199)  
}
```

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(153, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 199) }
```

Border

The CSS property to change the border of an element to YUV 196.9860, 0.9929, -38.5757 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(153, 219, 199) }
```


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

```
.border{ border-color:rgb(153, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 219, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 219, 199); box-shadow:4px 4px 4px 4px rgb(153, 219, 199) }
```

Background

The CSS property to change the background color of an element to YUV 196.9860, 0.9929, -38.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 199) }
```

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

```
.background{ background-color: rgb(153,  
219, 199) }
```

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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