

Converting Colors

YUV(199.8160, 5.5137,
-41.9346)

Have a look what the booklet for
YUV(199.8160, 5.5137, -41.9346)
contains.

YUV(199.8160, 5.5137, -41.9346)	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(199.8160, 5.5137,
-41.9346)**

Conversions

Conversions Part 1	
Format	Color
Hex	98DED3
RGB	152, 222, 211
RGB Percent	60%, 87%, 83%
CMY	0.4039, 0.1294, 0.1725
CMYK	0.32, 0.00, 0.05, 0.13
HSL	171°, 51%, 73%
HSV	171°, 32%, 87%
XYZ	50.8280, 63.6211, 71.2292
YIQ	199.8160, -38.1890, -18.2610

Conversions

Conversions Part 2

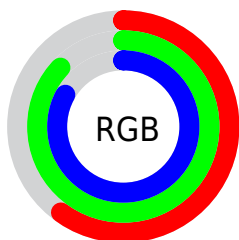
Format	Color
RYB	152, 190, 222
Decimal	10018515
CIELab	83.77, -24.19, -1.60
CIELCh	84, 24.245, 183.795
Yxy	63.6211, 0.2737, 0.3426
Android (android.graphics.Color)	4288208595 (0xFF98DED3)
YUV	199.8160, 5.5137, -41.9346
Hunter-Lab	79.7628, -25.8377, 2.8873

Details

The YUV color **199.8160, 5.5137, -41.9346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **174.1840, -5.5137, 41.9346**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, 6.9281, -28.8945**, and **145.2290, 5.8031, -41.4198** is the 20% darker color. If you saturate the color by 10%, you get **192.8960, 7.4463, -55.1598**, and if you desaturate by 10%, it is **206.7360, 3.5812, -28.7095**.

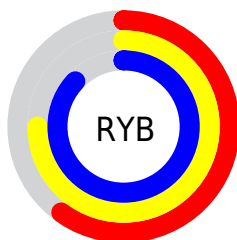
Distribution



Red (60%)

Green (87%)

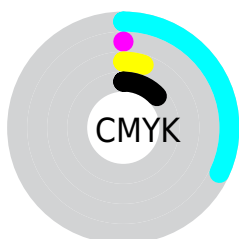
Blue (83%)



Red (60%)

Yellow (75%)

Blue (87%)

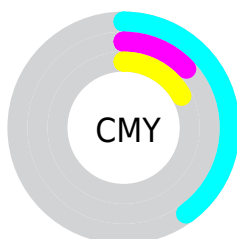


Cyan (32%)

Magenta (0%)

Yellow (5%)

Black (13%)



Cyan (40%)

Magenta (13%)


Yellow (17%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 199.8160, 5.5137, -41.9346 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 199.8160, 5.5137, -41.9346 by changing the saturation by 10% instead.

 199.8160, 5.5137,
-41.9346


 199.8160, 5.5137,
-41.9346

255.0000, 0.0000,
0.0000


 172.1150, 5.3663,
-41.3199

 240.9470, 6.9281,
-28.8945

 145.2290, 5.8031,
-41.4198

 249.6180, 2.6533,
-11.0660

 118.3430, 6.2399,
-41.5198


 92.0440, 6.3873,
-42.1346


 65.0540, 7.8614,
-48.2824


 45.3540, 6.2345,
-39.7755


 29.4590, 3.7177,

-25.8355


 14.7380, 0.6222,
-12.9252

 0.0000, 0.0000,
0.0000

 199.8160, 5.5137,
-41.9346


 199.8160, 5.5137,
-41.9346


 192.8960, 7.4463,
-55.1598


 206.7360, 3.5812,
-28.7095


 185.8620, 8.9420,
-68.2850


 213.7700, 2.0854,
-15.5843


 178.6430, 11.0220,
-82.1249


 220.9890, 0.0054,
-1.7444

 171.6090, 12.5178,
-95.2501


 228.0230, -1.4903,
11.3808

 164.6890, 14.4503,
-108.4753

 232.5510, -2.2436,
19.6878


 157.6550, 15.9461,
-121.6004

 233.0070, -0.4965,
19.2879

 151.6320, 17.4364,
-132.9813

 233.3490, 0.8139,
18.9879

 233.8050, 2.5611,
18.5880

 234.1470, 3.8715,
18.2881

Harmonies

Analogous

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



202.0000, -6.9020, -26.3100



199.8160, 5.5137, -41.9346



199.9430, 16.2971, -47.3080

Triad

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



199.8160, 5.5137, -41.9346



211.3160, 17.5922, 4.1079



210.2090, -20.3160, 29.6347

Complementary

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



199.8160, 5.5137, -41.9346



174.1840, -5.5137, 41.9346

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.



211.6860, -13.6492, 37.9864



199.8160, 5.5137, -41.9346



212.6300, 8.0704, 24.8805

Square

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



199.8160, 5.5137, -41.9346



207.8400, 22.7569, -19.1537



212.8350, -2.8767, 36.1017



207.3550, -21.8670, 13.7207

Rectangle

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



199.8160, 5.5137, -41.9346



201.3440, 21.5224, -43.2747



212.8350, -2.8767, 36.1017



210.3990, -18.4377, 33.8531

Sweetspot

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



199.8160, 5.5137, -41.9346



247.6670, 1.6432, -13.7400



196.6780, -22.0263, -28.6586



123.1730, 0.9007, -8.9217



0.0000, 0.0000, 0.0000



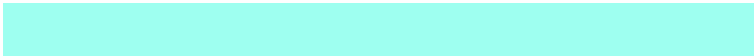
128.0000, 0.0000, 0.0000

Same Dimension

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



199.8160, 5.5137, -41.9346



224.2870, 7.7465, -58.1337



187.5690, 16.9745, -31.1940



108.4830, 0.7479, -6.5626



120.1840, 13.7133, -105.4014



32.8500, 4.0179, -28.8095

Inverse Universe

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



174.1840, -5.5137, 41.9346



188.7130, -7.7465, 58.1337



186.4310, -16.9745, 31.1940



104.5170, -0.7479, 6.5626



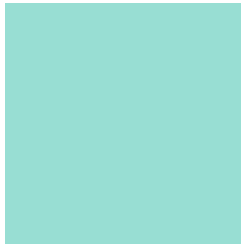
55.8160, -13.7133, 105.4014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 199.8160, 5.5137, -41.9346 looks on a white background.

Color Contrast Check

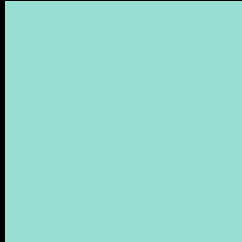
Large Text (above 18pt) WCAG AA × Fail

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 199.8160, 5.5137, -41.9346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

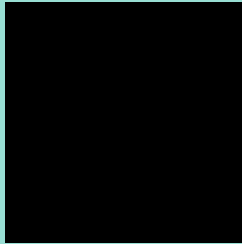
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

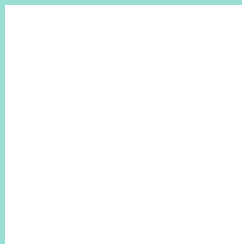
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.8160, 5.5137, -41.9346

Background



This preview shows how black text looks on a background with the YUV color 199.8160, 5.5137, -41.9346.

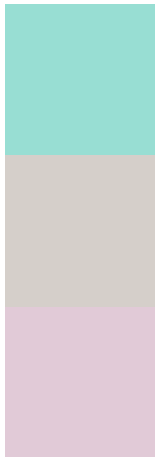


This preview shows how white text looks on a background with the YUV color 199.8160, 5.5137, -41.9346.

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

199.8160, 5.5137, -41.9346

Protanopia

208.2240, -3.0684, 4.1886

Deuteranopia

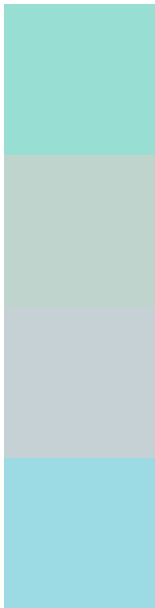
210.3590, 2.2880, 12.8402



Tritanopia

202.1120, 16.7068, -38.6862

Trichromacy



Original Color
199.8160, 5.5137, -41.9346

Protanomaly
204.9230, 0.0380, -12.2105

Deuteranomaly
206.2810, 3.8055, -7.2624

Tritanomaly
201.0750, 12.7810, -39.5308

Monochromacy



Original Color
199.8160, 5.5137, -41.9346

Achromatopsia
200.0000, 0.0000, 0.0000

Achromatomaly
200.0690, 1.9380, -14.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8160, 5.5137, -41.9346 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(152, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 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(152, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 211) }
```

Border

The CSS property to change the border of an element to YUV 199.8160, 5.5137, -41.9346 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(152, 222, 211) }
```


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

```
.border{ border-color:rgb(152, 222, 211) }
```

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

Here you see how a box with a 4 pixel rgb(152, 222, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 199.8160, 5.5137, -41.9346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 211) }
```

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

```
.background{ background-color: rgb(152,  
222, 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