

Converting Colors

YUV(171.9380, 10.3836,
-63.9666)

Have a look what the booklet for
YUV(171.9380, 10.3836, -63.9666)
contains.

YUV(171.9380, 10.3836, -63.9666)	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(171.9380, 10.3836,
-63.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	63CDC1
RGB	99, 205, 193
RGB Percent	39%, 80%, 76%
CMY	0.6118, 0.1961, 0.2431
CMYK	0.52, 0.00, 0.06, 0.20
HSL	173°, 51%, 60%
HSV	173°, 52%, 80%
XYZ	36.6026, 50.1655, 58.2058
YIQ	171.9380, -59.3240, -26.2040

Conversions

Conversions Part 2

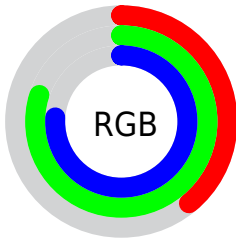
Format	Color
RYB	99, 155, 205
Decimal	6540737
CIELab	76.17, -33.52, -3.40
CIELCh	76, 33.689, 185.796
Yxy	50.1655, 0.2525, 0.3460
Android (android.graphics.Color)	4284730817 (0xFF63CDC1)
YUV	171.9380, 10.3836, -63.9666
Hunter-Lab	70.8276, -31.7025, 0.8551

Details

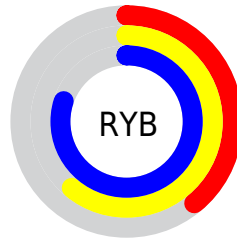
The YUV color **171.9380, 10.3836, -63.9666** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **132.0620, -10.3836, 63.9666**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0140, 11.8251, -59.6483**, and **113.8770, 12.8786, -70.9291** is the 20% darker color. If you saturate the color by 10%, you get **165.7300, 12.4581, -76.0622**, and if you desaturate by 10%, it is **178.4450, 8.1616, -51.2563**.

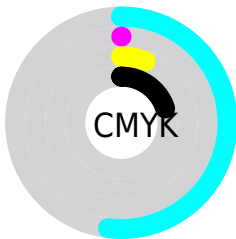
Distribution



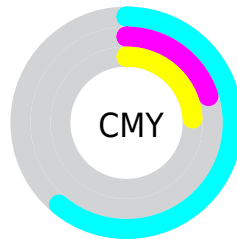
- Red (39%)
- Green (80%)
- Blue (76%)



- Red (39%)
- Yellow (61%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (61%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.9380, 10.3836, -63.9666 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 171.9380, 10.3836, -63.9666 by changing the saturation by 10% instead.


 171.9380, 10.3836,
-63.9666


 171.9380, 10.3836,
-63.9666


255.0000, 0.0000,
0.0000

 143.4540, 11.1152,
-65.2962


 225.0140, 11.8251,
-59.6483

 113.8770, 12.8786,
-70.9291


 234.3690, 10.1711,
-42.4196

 85.7840, 13.9105,
-75.2326

 243.3390, 5.7489,
-23.9763

 68.3730, 10.6621,
-59.9631

 252.3090, 1.3267,
-5.5330

 50.9620, 7.4137,
-44.6937

 34.9530, 4.4602,
-30.6538

 20.3460, 1.8014,

-17.8434

■ 0.0000, 0.0000,
0.0000

■ 171.9380, 10.3836,
-63.9666

■ 171.9380, 10.3836,
-63.9666

■ 165.7300, 12.4581,
-76.0622

■ 178.4450, 8.1616,
-51.2563

■ 159.1090, 14.2433,
-88.6726

■ 184.7670, 6.5239,
-39.2607

■ 152.6020, 16.4652,
-101.3830

■ 191.2740, 4.3019,
-26.5503

■ 146.3940, 18.5398,
-113.4785

■ 197.4820, 2.2274,
-14.4547

■ 141.0830, 20.1721,
-123.7298

■ 204.1030, 0.4422,
-1.8443

■ 210.3110, -1.6323,
10.2513

■ 216.8180, -3.8543,
22.9616

■ 220.7480, -4.3128,
30.0390

■ 220.9760, -3.4392,
29.8390

Harmonies

Analogous

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



177.2820, -8.0270, -38.8353



171.9380, 10.3836, -63.9666



169.9980, 26.1300, -74.5432

Triad

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



171.9380, 10.3836, -63.9666



191.4180, 22.9649, 7.5264



188.0160, -27.6159, 37.6970

Complementary

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



171.9380, 10.3836, -63.9666



132.0620, -10.3836, 63.9666

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.



189.9110, -18.1971, 50.0671



171.9380, 10.3836, -63.9666



192.6790, 10.5113, 35.3615

Square

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



171.9380, 10.3836, -63.9666



185.9730, 31.0723, -26.2863



191.5810, -4.2304, 50.3565



185.7160, -29.4400, 16.0351

Rectangle

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



171.9380, 10.3836, -63.9666



173.8340, 31.6338, -66.5064



191.5810, -4.2304, 50.3565



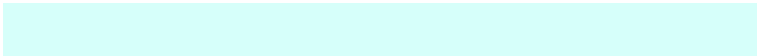
188.9180, -25.5956, 43.0449

Sweetspot

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



171.9380, 10.3836, -63.9666



242.1710, 3.8597, -24.7060



164.8100, -32.4443, -47.1914



120.1830, 2.3748, -15.0695



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.



171.9380, 10.3836, -63.9666



205.7060, 15.4279, -95.3352



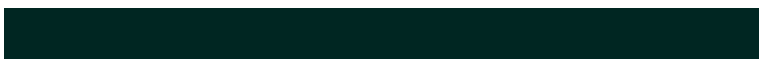
149.2390, 27.4902, -44.0596



98.8960, 1.0373, -6.0478



114.2000, 16.1704, -100.1534



26.1820, 3.8543, -22.9616

Inverse Universe

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



132.0620, -10.3836, 63.9666



146.2940, -15.4279, 95.3352



154.7610, -27.4902, 44.0596



95.1040, -1.0373, 6.0478



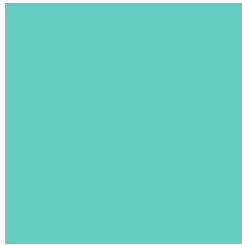
51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 171.9380, 10.3836, -63.9666 looks on a white background.

Color Contrast Check

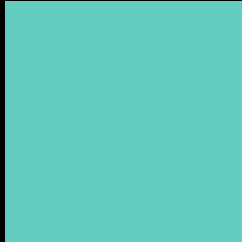
Large Text (above 18pt) WCAG AA × Fail

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 171.9380, 10.3836, -63.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

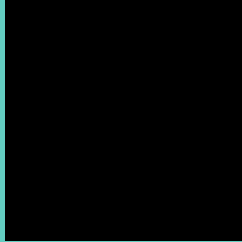
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

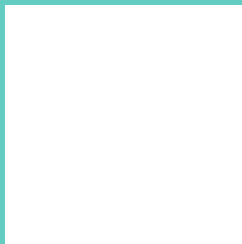
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.9380, 10.3836, -63.9666

Background



This preview shows how black text looks on a background with the YUV color 171.9380, 10.3836, -63.9666.



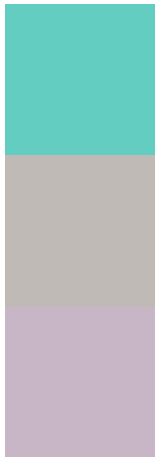
This preview shows how white text looks on a background with the YUV color 171.9380, 10.3836, -63.9666.

-63.9666.

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

171.9380, 10.3836, -63.9666

Protanopia

187.0390, -2.4842, 3.4738

Deuteranopia

188.6190, 4.6248, 9.9811



Tritanopia

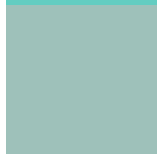
174.8320, 21.2818, -59.4887

Trichromacy



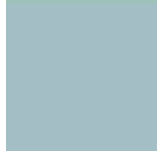
Original Color

171.9380, 10.3836, -63.9666



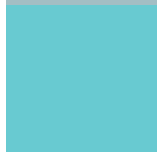
Protanomaly

181.7370, 2.1017, -20.8173



Deuteranomaly

182.6110, 6.6008, -17.1988



Tritanomaly

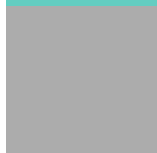
173.4960, 17.5035, -60.9480

Monochromacy



Original Color

171.9380, 10.3836, -63.9666



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8830, 4.0017, -23.5764

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9380, 10.3836, -63.9666 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(99, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(99, 205, 193)  
}
```

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(99, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 205, 193) }
```

Border

The CSS property to change the border of an element to YUV 171.9380, 10.3836, -63.9666 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(99, 205, 193) }
```


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

```
.border{ border-color:rgb(99, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(99, 205,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 171.9380, 10.3836, -63.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 205, 193) }
```

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

```
.background{ background-color: rgb(99, 205,  
193) }
```

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