

Converting Colors

YUV(137.7360, 19.8502,
-113.7785)

Have a look what the booklet for
YUV(137.7360, 19.8502, -113.7785)
contains.

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Color

**YUV(137.7360, 19.8502,
-113.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	08C4B2
RGB	8, 196, 178
RGB Percent	3%, 77%, 70%
CMY	0.9686, 0.2314, 0.3020
CMYK	0.96, 0.00, 0.09, 0.23
HSL	174°, 92%, 40%
HSV	174°, 96%, 77%
XYZ	27.8759, 42.7458, 48.9010
YIQ	137.7360, -106.2700, -45.4540

Conversions

Conversions Part 2

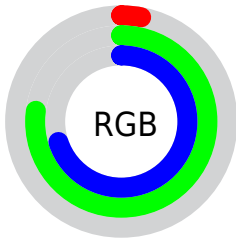
Format	Color
RYB	8, 107, 196
Decimal	574642
CIELab	71.38, -44.45, -2.50
CIELCh	71, 44.517, 183.223
Yxy	42.7458, 0.2332, 0.3576
Android (android.graphics.Color)	4278764722 (0xFF08C4B2)
YUV	137.7360, 19.8502, -113.7785
Hunter-Lab	65.3803, -38.3092, 1.4204

Details

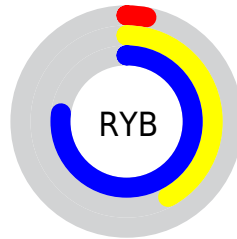
The YUV color **137.7360, 19.8502, -113.7785** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **66.2640, -19.8502, 113.7785**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2830, 13.6645, -89.7022**, and **97.0170, 13.7956, -85.0839** is the 20% darker color. If you saturate the color by 10%, you get **135.2300, 20.5926, -118.5967**, and if you desaturate by 10%, it is **143.9440, 17.7756, -101.6829**.

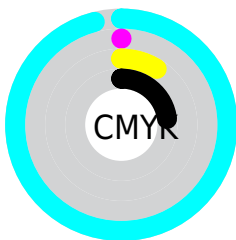
Distribution



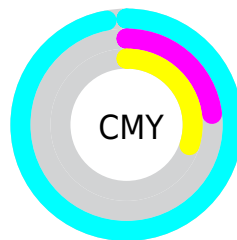
- Red (3%)
- Green (77%)
- Blue (70%)



- Red (3%)
- Yellow (42%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (97%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7360, 19.8502, -113.7785 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 137.7360, 19.8502, -113.7785 by changing the saturation by 10% instead.

■ 137.7360, 19.8502,
-113.7785

■ 137.7360, 19.8502,
-113.7785

■ 255.0000, 0.0000,
0.0000

■ 115.8300, 17.3388,
-101.5829

■ 206.2830, 13.6645,
-89.7022

■ 97.0170, 13.7956,
-85.0839

■ 219.4190, 17.5414,
-73.1585

■ 79.0190, 10.8366,
-69.2997

■ 228.6880, 12.9718,
-54.1004

■ 61.6080, 7.5883,
-54.0302

■ 237.9570, 8.4022,
-35.0423

■ 44.3110, 4.7767,
-38.8607

■ 247.2260, 3.8326,
-15.9842

■ 29.0030, 1.9705,
-25.4356

■ 7.1240, 1.9109,

-6.2477

■ 0.0000, 0.0000,
0.0000

■ 137.7360, 19.8502,
-113.7785

■ 137.7360, 19.8502,
-113.7785

■ 135.2300, 20.5926,
-118.5967

■ 143.9440, 17.7756,
-101.6829

■ 149.8530, 15.8485,
-90.2021

■ 156.0610, 13.7739,
-78.1065

■ 161.9700, 11.8468,
-66.6257

■ 168.0640, 9.3354,
-54.4301

■ 174.2720, 7.2609,
-42.3345

■ 180.1810, 5.3338,
-30.8537

■ 186.3890, 3.2592,
-18.7582

■ 192.2980, 1.3321,
-7.2773

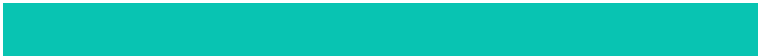
Harmonies

Analogous

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



159.4070, -11.0467, -50.3459



137.7360, 19.8502, -113.7785



139.3170, 38.7907, -122.1810

Triad

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



137.7360, 19.8502, -113.7785



178.3990, 31.8483, 4.9121



174.4320, -35.2160, 48.7331

Complementary

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



137.7360, 19.8502, -113.7785



66.2640, -19.8502, 113.7785

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.



176.0870, -21.7349, 64.8217



137.7360, 19.8502, -113.7785



179.5150, 16.0151, 43.3983

Square

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



137.7360, 19.8502, -113.7785



168.2510, 42.7673, -44.0701



178.0110, -2.9634, 64.0114



171.2300, -39.0604, 21.7233

Rectangle

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



137.7360, 19.8502, -113.7785



139.3630, 49.1210, -122.2214



178.0110, -2.9634, 64.0114



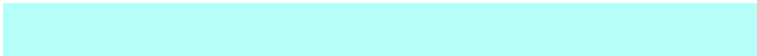
174.8010, -31.4539, 55.4255

Sweetspot

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



137.7360, 19.8502, -113.7785



232.0760, 7.8505, -44.7937



124.0370, -57.2062, -85.1014



113.9750, 4.4493, -27.1651



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.



137.7360, 19.8502, -113.7785



176.0190, 27.1056, -154.3687



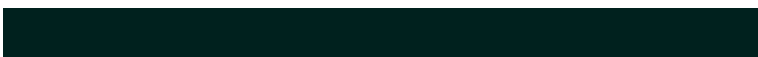
95.7630, 49.4168, -76.9682



93.8960, 1.0373, -6.0478



111.0370, 16.7438, -97.3794



22.7910, 3.5540, -19.9877

Inverse Universe

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



66.2640, -19.8502, 113.7785



78.9810, -27.1056, 154.3687



108.2370, -49.4168, 76.9682



90.1040, -1.0373, 6.0478



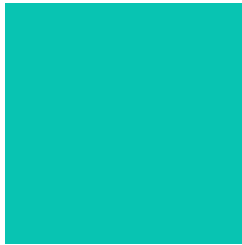
49.8490, -17.1806, 97.4794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 137.7360, 19.8502, -113.7785 looks on a white background.

Color Contrast Check

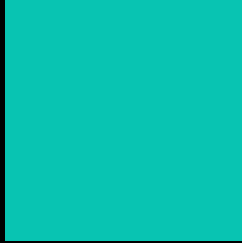
Large Text (above 18pt) WCAG AA × Fail

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 137.7360, 19.8502, -113.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

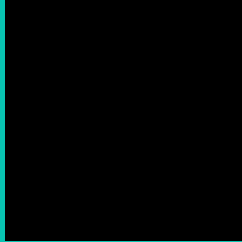
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

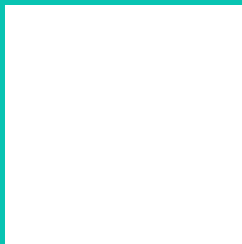
Any Text WCAG AAA ✓ Pass

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

YUV 137.7360, 19.8502, -113.7785 Background



This preview shows how black text looks on a background with the YUV color 137.7360, 19.8502, -113.7785.

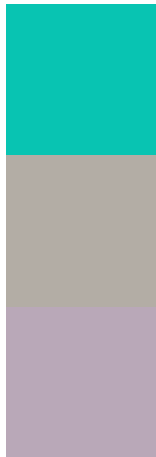


This preview shows how white text looks on a background with the YUV color 137.7360, 19.8502, -113.7785.

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

137.7360, 19.8502, -113.7785

Protanopia

173.8820, -4.3788, 4.4885

Deuteranopia

174.9070, 4.4828, 8.8516



Tritanopia

150.9530, 27.6312, -89.4128

Trichromacy



Original Color

137.7360, 19.8502, -113.7785



Protanomaly

160.6100, 4.6293, -38.2460



Deuteranomaly

161.4130, 10.1494, -35.4422



Tritanomaly

145.8010, 24.7481, -98.0495

Monochromacy



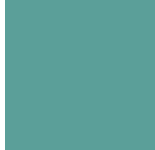
Original Color

137.7360, 19.8502, -113.7785



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.9840, 7.4029, -41.2050

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7360, 19.8502, -113.7785 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(8, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(8, 196, 178)  
}
```

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(8, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 196, 178) }
```

Border

The CSS property to change the border of an element to YUV 137.7360, 19.8502, -113.7785 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(8, 196, 178) }
```


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

```
.border{ border-color:rgb(8, 196, 178) }
```

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

Here you see how a box with a 4 pixel rgb(8, 196, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(8, 196,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 137.7360, 19.8502, -113.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 196, 178) }
```

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

```
.background{ background-color: rgb(8, 196,  
178) }
```

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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