

Converting Colors

YUV(153.8680, 16.3341,
-106.0012)

Have a look what the booklet for
YUV(153.8680, 16.3341, -106.0012)
contains.

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Color

**YUV(153.8680, 16.3341,
-106.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	21D1BB
RGB	33, 209, 187
RGB Percent	13%, 82%, 73%
CMY	0.8706, 0.1804, 0.2667
CMYK	0.84, 0.00, 0.11, 0.18
HSL	172°, 73%, 47%
HSV	172°, 84%, 82%
XYZ	32.3973, 49.5121, 54.8630
YIQ	153.8680, -97.8340, -44.1540

Conversions

Conversions Part 2

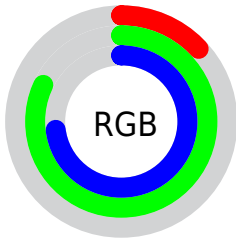
Format	Color
RYB	33, 127, 209
Decimal	2216379
CIELab	75.77, -46.29, -0.93
CIELCh	76, 46.295, 181.147
Yxy	49.5121, 0.2369, 0.3620
Android (android.graphics.Color)	4280406459 (0xFF21D1BB)
YUV	153.8680, 16.3341, -106.0012
Hunter-Lab	70.3648, -40.9537, 3.0274

Details

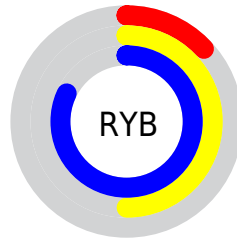
The YUV color **153.8680, 16.3341, -106.0012** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **88.1320, -16.3341, 106.0012**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4730, 15.5428, -85.4838**, and **105.6740, 13.9647, -92.6761** is the 20% darker color. If you saturate the color by 10%, you get **147.2470, 18.1192, -118.6116**, and if you desaturate by 10%, it is **160.4890, 14.5489, -93.3909**.

Distribution



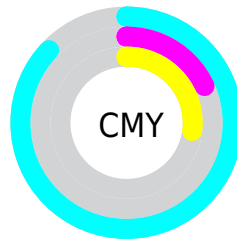
- Red (13%)
- Green (82%)
- Blue (73%)



- Red (13%)
- Yellow (50%)
- Blue (82%)



- Cyan (84%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (87%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8680, 16.3341, -106.0012 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 153.8680, 16.3341, -106.0012 by changing the saturation by 10% instead.

■ 153.8680, 16.3341,
-106.0012

■ 153.8680, 16.3341,
-106.0012

■ 255.0000, 0.0000,
0.0000

■ 124.4870, 17.5079,
-109.1751

■ 211.4730, 15.5428,
-85.4838

■ 105.6740, 13.9647,
-92.6761

■ 222.4090, 16.0674,
-67.0107

■ 86.9750, 10.8583,
-76.2771

■ 231.6780, 11.4977,
-47.9526

■ 68.8630, 7.4625,
-60.3929

■ 240.9470, 6.9281,
-28.8945

■ 51.5660, 4.6510,
-45.2234

■ 250.2160, 2.3585,
-9.8364

■ 35.0840, 2.4236,
-30.7687

■ 19.1890, -0.0932,

-16.8288

■ 0.0000, 0.0000,
0.0000

■ 153.8680, 16.3341,
-106.0012

■ 153.8680, 16.3341,
-106.0012

■ 147.2470, 18.1192,
-118.6116

■ 160.4890, 14.5489,
-93.3909

■ 143.5450, 19.4513,
-125.8890

■ 166.9960, 12.3270,
-80.6805

■ 173.6170, 10.5418,
-68.0701

■ 180.1240, 8.3199,
-55.3597

■ 186.7450, 6.5347,
-42.7494

■ 193.0670, 4.8970,
-30.7538

■ 199.5740, 2.6750,
-18.0434

■ 206.1950, 0.8899,
-5.4330

■ 212.8160, -0.8953,
7.1774

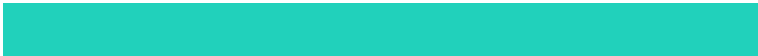
Harmonies

Analogous

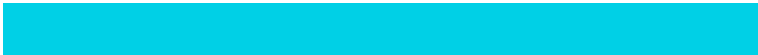
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.1360, -13.3780, -49.2313



153.8680, 16.3341, -106.0012



148.3160, 40.2702, -130.0731

Triad

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



153.8680, 16.3341, -106.0012



189.5020, 32.2905, 3.0677



186.5250, -36.2478, 53.0366

Complementary

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



153.8680, 16.3341, -106.0012



88.1320, -16.3341, 106.0012

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.



184.9340, -19.6875, 61.4479



153.8680, 16.3341, -106.0012



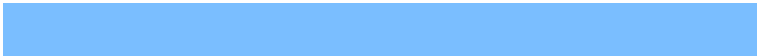
192.0850, 18.1991, 42.8985

Square

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



153.8680, 16.3341, -106.0012



177.0780, 38.4155, -48.3034



186.7870, 0.1050, 59.8228



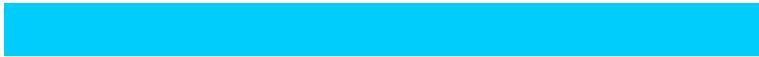
183.3830, -41.1078, 25.0971

Rectangle

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



153.8680, 16.3341, -106.0012



149.0630, 50.7479, -130.7283



186.7870, 0.1050, 59.8228



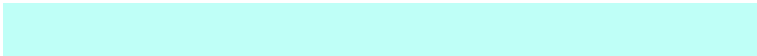
187.0080, -32.0489, 59.6290

Sweetspot

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



153.8680, 16.3341, -106.0012



234.9520, 5.9397, -38.5459



143.1890, -54.3232, -76.4648



115.7690, 3.5649, -23.4764



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.



153.8680, 16.3341, -106.0012



175.1070, 23.6112, -153.5688



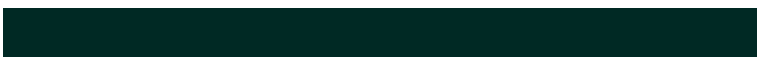
118.2210, 44.7540, -74.7388



101.4830, 0.7479, -6.5626



115.3740, 15.5916, -101.1830



28.1710, 3.8597, -24.7060

Inverse Universe

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



88.1320, -16.3341, 106.0012



79.8930, -23.6112, 153.5688



123.7790, -44.7540, 74.7388



97.4030, -1.1847, 6.6626



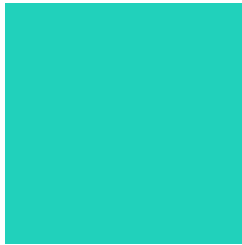
52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 153.8680, 16.3341, -106.0012 looks on a white background.

Color Contrast Check

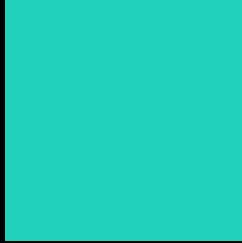
Large Text (above 18pt) WCAG AA × Fail

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 153.8680, 16.3341, -106.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

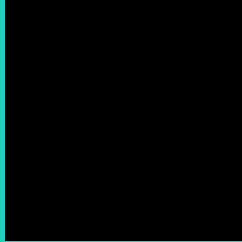
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

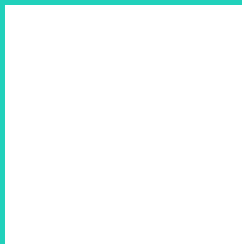
Any Text WCAG AAA ✓ Pass

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

YUV 153.8680, 16.3341, -106.0012 Background



This preview shows how black text looks on a background with the YUV color 153.8680, 16.3341, -106.0012.

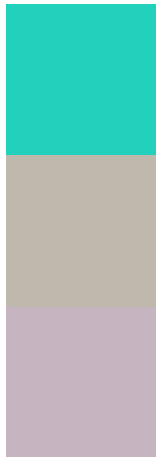


This preview shows how white text looks on a background with the YUV color 153.8680, 16.3341, -106.0012.

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

153.8680, 16.3341, -106.0012

Protanopia

184.8390, -5.8366, 5.4032

Deuteranopia

187.1630, 2.8776, 10.3810



Tritanopia

163.1810, 28.5048, -89.6127

Trichromacy



Original Color

153.8680, 16.3341, -106.0012



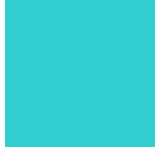
Protanomaly

173.6490, 2.1450, -34.7722



Deuteranomaly

175.4520, 7.6652, -31.9684



Tritanomaly

159.9970, 24.1585, -95.5904

Monochromacy



Original Color

153.8680, 16.3341, -106.0012



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9520, 5.9397, -38.5459

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8680, 16.3341, -106.0012 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(33, 209, 187)` looks like.

```
.text, #text, p{  
    color:rgb(33, 209, 187)  
}
```

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(33, 209, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 209, 187) }
```

Border

The CSS property to change the border of an element to YUV 153.8680, 16.3341, -106.0012 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(33, 209, 187) }
```


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

```
.border{ border-color:rgb(33, 209, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 209, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 209, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 209, 187); box-shadow:4px 4px 4px 4px rgb(33, 209, 187) }
```

Background

The CSS property to change the background color of an element to YUV 153.8680, 16.3341, -106.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 209, 187) }
```

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

```
.background{ background-color: rgb(33, 209,  
187) }
```

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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