

Converting Colors

YUV(153.4160, 31.8399,
-132.7918)

Have a look what the booklet for
YUV(153.4160, 31.8399, -132.7918)
contains.

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Color

**YUV(153.4160, 31.8399,
-132.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	02DADA
RGB	2, 218, 218
RGB Percent	1%, 85%, 85%
CMY	0.9922, 0.1451, 0.1451
CMYK	0.99, 0.00, 0.00, 0.15
HSL	180°, 98%, 43%
HSV	180°, 99%, 85%
XYZ	37.7513, 55.2177, 74.9980
YIQ	153.4160, -128.7360, -45.7920

Conversions

Conversions Part 2

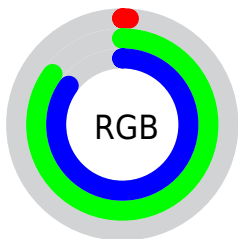
Format	Color
RYB	2, 110, 218
Decimal	187098
CIELab	79.17, -42.66, -12.55
CIELCh	79, 44.470, 196.390
Yxy	55.2177, 0.2248, 0.3287
Android (android.graphics.Color)	4278377178 (0xFF02DADA)
YUV	153.4160, 31.8399, -132.7918
Hunter-Lab	74.3086, -39.3559, -7.8241

Details

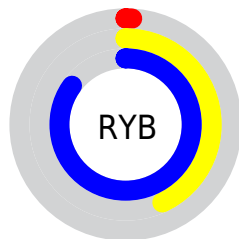
The YUV color **153.4160, 31.8399, -132.7918** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **66.5840, -31.8399, 132.7918**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9440, 21.2266, -88.5279**, and **113.6760, 24.3167, -99.6939** is the 20% darker color. If you saturate the color by 10%, you get **152.8180, 32.1347, -134.0214**, and if you desaturate by 10%, it is **159.9940, 28.5970, -119.2667**.

Distribution



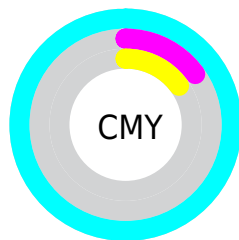
- Red (1%)
- Green (85%)
- Blue (85%)



- Red (1%)
- Yellow (43%)
- Blue (85%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (99%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4160, 31.8399, -132.7918 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 153.4160, 31.8399, -132.7918 by changing the saturation by 10% instead.

153.4160, 31.8399,
-132.7918

153.4160, 31.8399,
-132.7918

255.0000, 0.0000,
0.0000

133.1900, 28.0073,
-116.8076

211.9440, 21.2266,
-88.5279

113.6760, 24.3167,
-99.6939

222.1100, 16.2148,
-67.6255

94.8630, 20.7735,
-83.1949

231.6780, 11.4977,
-47.9526

76.7510, 17.3778,
-67.3106

241.2460, 6.7807,
-28.2797

59.2260, 13.6926,
-51.9412

250.8140, 2.0637,
-8.6069

42.5160, 10.5916,
-37.2865

27.6810, 7.0593,

-24.2762

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 153.4160, 31.8399,
-132.7918

■ 153.4160, 31.8399,
-132.7918

■ 152.8180, 32.1347,
-134.0214

■ 159.9940, 28.5970,
-119.2667

■ 166.5720, 25.3540,
-105.7416

■ 172.8510, 22.2585,
-92.8313

■ 179.4290, 19.0155,
-79.3062

■ 186.0070, 15.7725,
-65.7811

■ 192.5850, 12.5296,
-52.2560

■ 199.1630, 9.2866,
-38.7310

■ 205.4420, 6.1911,
-25.8206

■ 212.0200, 2.9481,
-12.2955

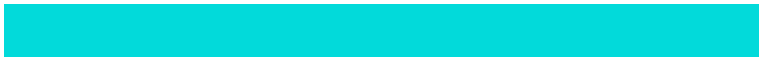
Harmonies

Analogous

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



176.6310, -0.8041, -68.9594



153.4160, 31.8399, -132.7918



154.6880, 49.4538, -135.6614

Triad

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



153.4160, 31.8399, -132.7918



201.3260, 25.9683, 24.2701



194.3400, -39.1146, 39.1668

Complementary

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



153.4160, 31.8399, -132.7918



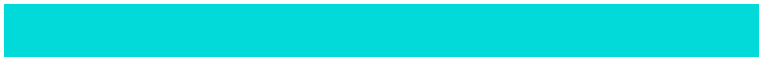
66.5840, -31.8399, 132.7918

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.



193.5280, -27.3753, 53.9109



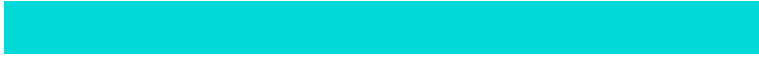
153.4160, 31.8399, -132.7918



198.4250, 9.1575, 49.6163

Square

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



153.4160, 31.8399, -132.7918



193.2020, 30.4664, -18.5942



192.4630, -8.6093, 54.8449



190.8970, -37.4172, 7.9833

Rectangle

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



153.4160, 31.8399, -132.7918



171.7860, 41.0245, -91.8973



192.4630, -8.6093, 54.8449



195.3780, -36.6684, 47.9035

Sweetspot

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



153.4160, 31.8399, -132.7918



232.2760, 11.2029, -46.7231



128.7920, -62.5085, -111.1966



114.2460, 6.7807, -28.2797



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.



153.4160, 31.8399, -132.7918



178.7550, 37.5888, -156.7681



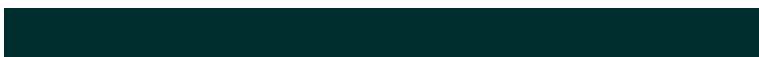
90.0200, 63.0941, -77.1935



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



91.2080, 62.5085, 111.1966



105.3150, 73.7947, 131.2737



129.9800, -63.0941, 77.1935



103.5430, 3.1833, 5.6628



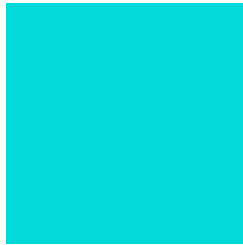
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 153.4160, 31.8399, -132.7918 looks on a white background.

Color Contrast Check

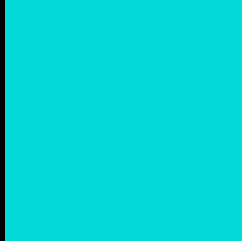
Large Text (above 18pt) WCAG AA × Fail

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 153.4160, 31.8399, -132.7918 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

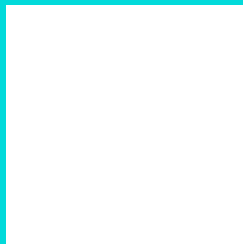
Any Text WCAG AAA ✓ Pass

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

YUV 153.4160, 31.8399, -132.7918 Background



This preview shows how black text looks on a background with the YUV color 153.4160, 31.8399, -132.7918.

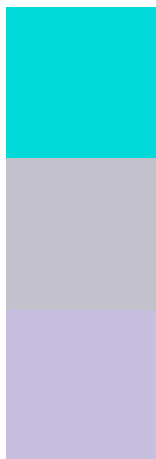


This preview shows how white text looks on a background with the YUV color 153.4160, 31.8399, -132.7918.

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

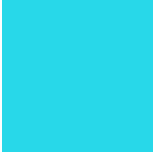
153.4160, 31.8399, -132.7918

Protanopia

194.7380, 4.0732, 0.2298

Deuteranopia

196.5670, 13.5245, 2.1337



Tritanopia

165.3140, 33.3692, -109.9004

Trichromacy



Original Color

153.4160, 31.8399, -132.7918



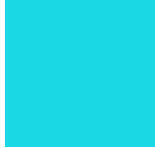
Protanomaly

179.6610, 13.9711, -47.9377



Deuteranomaly

180.6810, 20.3703, -47.0782



Tritanomaly

161.1450, 32.9595, -118.5222

Monochromacy



Original Color

153.4160, 31.8399, -132.7918



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.3790, 11.6452, -48.5674

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4160, 31.8399, -132.7918 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(2, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(2, 218, 218)  
}
```

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(2, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 218, 218) }
```

Border

The CSS property to change the border of an element to YUV 153.4160, 31.8399, -132.7918 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(2, 218, 218) }
```


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

```
.border{ border-color:rgb(2, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(2, 218,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 153.4160, 31.8399, -132.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 218, 218) }
```

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

```
.background{ background-color: rgb(2, 218,  
218) }
```

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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