

Converting Colors

YUV(138.1900, 28.0073,
-116.8076)

Have a look what the booklet for
YUV(138.1900, 28.0073, -116.8076)
contains.

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Color

**YUV(138.1900, 28.0073,
-116.8076)**

Conversions

Conversions Part 1

Format	Color
Hex	05C3C3
RGB	5, 195, 195
RGB Percent	2%, 76%, 76%
CMY	0.9804, 0.2353, 0.2353
CMYK	0.97, 0.00, 0.00, 0.24
HSL	180°, 95%, 39%
HSV	180°, 97%, 76%
XYZ	29.4280, 43.0026, 58.3791
YIQ	138.1900, -113.2400, -40.2800

Conversions

Conversions Part 2

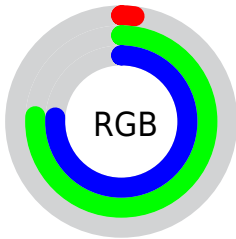
Format	Color
RYB	5, 100, 195
Decimal	377795
CIELab	71.56, -39.14, -11.52
CIELCh	72, 40.804, 196.397
Yxy	43.0026, 0.2250, 0.3287
Android (android.graphics.Color)	4278567875 (0xFF05C3C3)
YUV	138.1900, 28.0073, -116.8076
Hunter-Lab	65.5764, -34.6551, -6.8792

Details

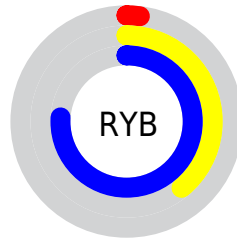
The YUV color **138.1900, 28.0073, -116.8076** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **61.8100, -28.0073, 116.8076**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9330, 21.2320, -90.2722**, and **98.8410, 20.7844, -86.6836** is the 20% darker color. If you saturate the color by 10%, you get **136.6950, 28.7444, -119.8815**, and if you desaturate by 10%, it is **143.8710, 25.2066, -105.1269**.

Distribution



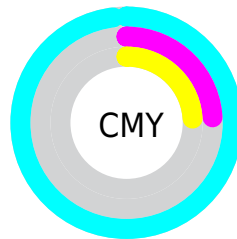
- Red (2%)
- Green (76%)
- Blue (76%)



- Red (2%)
- Yellow (39%)
- Blue (76%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1900, 28.0073, -116.8076 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 138.1900, 28.0073, -116.8076 by changing the saturation by 10% instead.

138.1900, 28.0073,
-116.8076

138.1900, 28.0073,
-116.8076

255.0000, 0.0000,
0.0000

117.1810, 25.0538,
-102.7677

207.9330, 21.2320,
-90.2722

98.8410, 20.7844,
-86.6836

219.7180, 17.3940,
-72.5437

80.1420, 17.6780,
-70.2845

229.2860, 12.6770,
-52.8708

62.6170, 13.9928,
-54.9151

238.5550, 8.1074,
-33.8127

45.9070, 10.8918,
-40.2604

247.8240, 3.5378,
-14.7546

30.4850, 7.6489,
-26.7353

10.0080, 7.8841,

-8.7770

■ 0.0000, 0.0000,
0.0000

■ 138.1900, 28.0073,
-116.8076

■ 138.1900, 28.0073,
-116.8076

■ 136.6950, 28.7444,
-119.8815

■ 143.8710, 25.2066,
-105.1269

■ 149.8510, 22.2585,
-92.8313

■ 155.8310, 19.3103,
-80.5358

■ 161.5120, 16.5096,
-68.8550

■ 167.4920, 13.5614,
-56.5595

■ 173.1730, 10.7607,
-44.8787

■ 179.1530, 7.8126,
-32.5832

■ 184.8340, 5.0118,
-20.9024

■ 190.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



158.0880, -0.5364, -61.4672



138.1900, 28.0073, -116.8076



138.6960, 44.0269, -121.6364

Triad

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



138.1900, 28.0073, -116.8076



179.9190, 23.2109, 21.9960



173.7570, -34.8832, 35.2931

Complementary

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



138.1900, 28.0073, -116.8076



61.8100, -28.0073, 116.8076

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.



175.8810, -26.0703, 55.3554



138.1900, 28.0073, -116.8076



179.8550, 6.9735, 50.1162

Square

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



138.1900, 28.0073, -116.8076



175.0540, 34.9764, -18.4644



177.6380, -10.6675, 61.7075



170.8090, -33.9228, 7.1835

Rectangle

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



138.1900, 28.0073, -116.8076



155.4110, 43.1814, -83.6754



177.6380, -10.6675, 61.7075



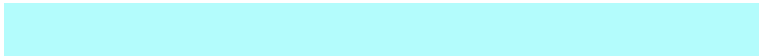
174.9690, -33.0157, 43.0002

Sweetspot

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



138.1900, 28.0073, -116.8076



230.1730, 10.7607, -44.8787



116.5300, -54.9843, -97.8118



114.5450, 6.6333, -27.6650



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.



138.1900, 28.0073, -116.8076



176.6520, 37.1466, -154.9238



82.4250, 55.4995, -67.9017



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Inverse Universe

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



83.4700, 54.9843, 97.8118



104.0760, 72.9265, 129.7293



117.5750, -55.4995, 67.9017



91.1300, 2.8939, 5.1480



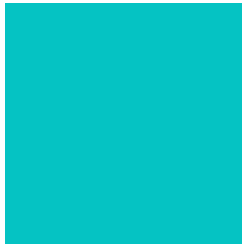
66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 138.1900, 28.0073, -116.8076 looks on a white background.

Color Contrast Check

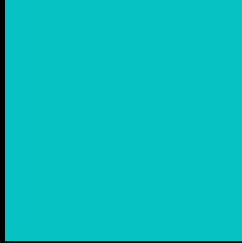
Large Text (above 18pt) WCAG AA × Fail

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 138.1900, 28.0073, -116.8076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

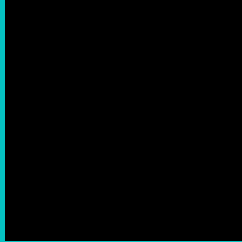
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

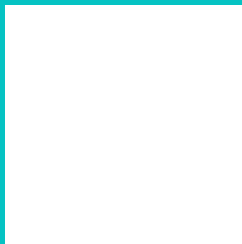
Any Text WCAG AAA ✓ Pass

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

YUV 138.1900, 28.0073, -116.8076 Background



This preview shows how black text looks on a background with the YUV color 138.1900, 28.0073, -116.8076.

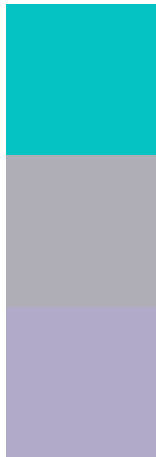


This preview shows how white text looks on a background with the YUV color 138.1900, 28.0073, -116.8076.

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

138.1900, 28.0073, -116.8076

Protanopia

174.5100, 3.1996, 0.4297

Deuteranopia

175.9260, 12.3615, 1.8189



Tritanopia

147.8810, 30.1317, -98.1196

Trichromacy



Original Color

138.1900, 28.0073, -116.8076



Protanomaly

161.2380, 12.2077, -42.3047



Deuteranomaly

162.1440, 18.1700, -41.3453



Tritanomaly

144.6090, 29.2798, -104.8971

Monochromacy



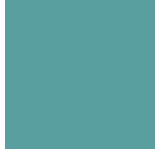
Original Color

138.1900, 28.0073, -116.8076



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.3690, 10.1711, -42.4196

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1900, 28.0073, -116.8076 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(5, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(5, 195, 195)  
}
```

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(5, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 195, 195) }
```

Border

The CSS property to change the border of an element to YUV 138.1900, 28.0073, -116.8076 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(5, 195, 195) }
```


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

```
.border{ border-color:rgb(5, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(5, 195,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 138.1900, 28.0073, -116.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 195, 195) }
```

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

```
.background{ background-color: rgb(5, 195,  
195) }
```

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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