

Converting Colors

YUV(138.6290, 32.2279,
-117.1926)

Have a look what the booklet for
YUV(138.6290, 32.2279, -117.1926)
contains.

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Color

**YUV(138.6290, 32.2279,
-117.1926)**

Conversions

Conversions Part 1

Format	Color
Hex	05C2CC
RGB	5, 194, 204
RGB Percent	2%, 76%, 80%
CMY	0.9804, 0.2392, 0.2000
CMYK	0.98, 0.05, 0.00, 0.20
HSL	183°, 95%, 41%
HSV	183°, 98%, 80%
XYZ	30.2535, 42.9755, 63.8273
YIQ	138.6290, -115.8540, -36.9580

Conversions

Conversions Part 2

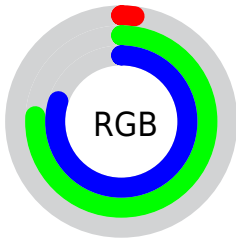
Format	Color
RYB	5, 102, 204
Decimal	377548
CIELab	71.54, -35.93, -16.46
CIELCh	72, 39.521, 204.606
Yxy	42.9755, 0.2207, 0.3136
Android (android.graphics.Color)	4278567628 (0xFF05C2CC)
YUV	138.6290, 32.2279, -117.1926
Hunter-Lab	65.5557, -32.3460, -11.8379

Details

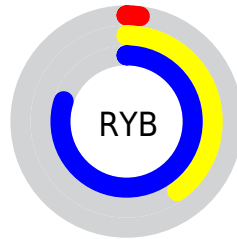
The YUV color **138.6290, 32.2279, -117.1926** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **70.3710, -32.2279, 117.1926**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1010, 23.1212, -89.5426**, and **99.2800, 25.0050, -87.0686** is the 20% darker color. If you saturate the color by 10%, you get **137.1340, 32.9649, -120.2665**, and if you desaturate by 10%, it is **145.1960, 28.9904, -105.4119**.

Distribution



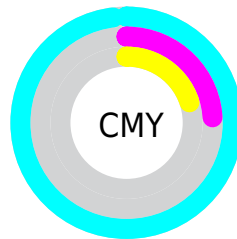
- Red (2%)
- Green (76%)
- Blue (80%)



- Red (2%)
- Yellow (40%)
- Blue (80%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.6290, 32.2279, -117.1926 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 138.6290, 32.2279, -117.1926 by changing the saturation by 10% instead.

138.6290, 32.2279,
-117.1926

138.6290, 32.2279,
-117.1926

255.0000, 0.0000,
0.0000

117.6200, 29.2743,
-103.1527

208.1010, 23.1212,
-89.5426

99.2800, 25.0050,
-87.0686

220.3160, 17.0992,
-71.3141

81.0540, 21.1724,
-71.0844

229.5850, 12.5296,
-52.2560

63.5290, 17.4872,
-55.7149

238.8540, 7.9600,
-33.1980

46.1180, 14.2388,
-40.4455

248.4220, 3.2430,
-13.5251

30.6960, 10.9959,
-26.9204

10.6920, 10.5048,

-9.3769

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 138.6290, 32.2279,
-117.1926

■ 138.6290, 32.2279,
-117.1926

■ 137.1340, 32.9649,
-120.2665

■ 145.1960, 28.9904,
-105.4119

■ 152.0620, 25.6054,
-93.0164

■ 158.6290, 22.3679,
-81.2356

■ 165.4950, 18.9830,
-68.8401

■ 172.0620, 15.7454,
-57.0594

■ 178.6290, 12.5079,
-45.2786

■ 185.4950, 9.1230,
-32.8831

■ 192.0620, 5.8854,
-21.1024

■ 198.9280, 2.5005,
-8.7069

Harmonies

Analogous

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



155.9390, 5.4531, -69.2295



138.6290, 32.2279, -117.1926



149.4540, 41.1882, -97.7452

Triad

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



138.6290, 32.2279, -117.1926



179.7090, 18.3845, 30.0732



173.4140, -34.7141, 27.7009

Complementary

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



138.6290, 32.2279, -117.1926



70.3710, -32.2279, 117.1926

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.



175.5660, -28.3800, 49.4926



138.6290, 32.2279, -117.1926



179.4980, 1.7265, 53.0603

Square

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



138.6290, 32.2279, -117.1926



176.9200, 31.5914, -6.0688



177.4760, -15.0247, 59.2185



169.3780, -30.2594, -1.2085

Rectangle

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



138.6290, 32.2279, -117.1926



162.1360, 40.3590, -65.0173



177.4760, -15.0247, 59.2185



174.3980, -33.7202, 35.6080

Sweetspot

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



138.6290, 32.2279, -117.1926



230.5260, 12.0657, -43.4343



122.9530, -53.2208, -103.4448



112.7840, 7.5015, -26.1206



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.



138.6290, 32.2279, -117.1926



171.1240, 41.3509, -150.0757



80.5160, 60.8776, -66.2275



98.4230, 1.7635, -5.6330



111.0830, 27.0741, -97.4198



25.4640, 6.1802, -22.3319

Inverse Universe

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



86.0470, 53.2208, 103.4448



103.8330, 68.1163, 132.5735



128.4840, -60.8776, 66.2275



96.0160, 2.4571, 5.2480



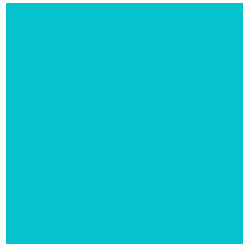
67.5320, 44.1077, 86.3564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 138.6290, 32.2279, -117.1926 looks on a white background.

Color Contrast Check

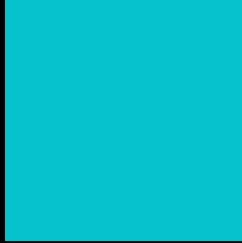
Large Text (above 18pt) WCAG AA × Fail

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 138.6290, 32.2279, -117.1926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

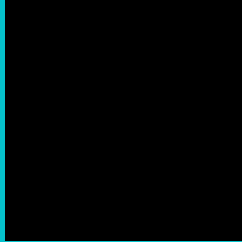
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

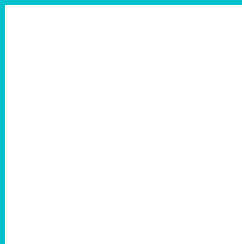
Any Text WCAG AAA ✓ Pass

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

YUV 138.6290, 32.2279, -117.1926 Background



This preview shows how black text looks on a background with the YUV color 138.6290, 32.2279, -117.1926.

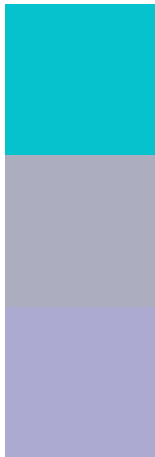


This preview shows how white text looks on a background with the YUV color 138.6290, 32.2279, -117.1926.

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

138.6290, 32.2279, -117.1926

Protanopia

174.6390, 7.5730, -2.3144

Deuteranopia

175.3430, 16.5929, -2.0548



Tritanopia

143.9940, 32.0480, -106.1117

Trichromacy



Original Color

138.6290, 32.2279, -117.1926



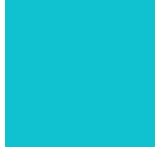
Protanomaly

161.6660, 16.4337, -44.4341



Deuteranomaly

162.1590, 22.1066, -43.9894



Tritanomaly

141.6730, 32.2062, -110.2152

Monochromacy



Original Color

138.6290, 32.2279, -117.1926



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.8250, 11.9183, -42.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6290, 32.2279, -117.1926 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, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(5, 194, 204)  
}
```

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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 194, 204) }
```

Border

The CSS property to change the border of an element to YUV 138.6290, 32.2279, -117.1926 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, 194, 204) }
```


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

```
.border{ border-color:rgb(5, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(5, 194,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 138.6290, 32.2279, -117.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 194, 204) }
```

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

```
.background{ background-color: rgb(5, 194,  
204) }
```

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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