

Converting Colors

YUV(138.2560, 27.9748,
-106.3415)

Have a look what the booklet for
YUV(138.2560, 27.9748, -106.3415)
contains.

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Color

**YUV(138.2560, 27.9748,
-106.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	11BDC3
RGB	17, 189, 195
RGB Percent	7%, 74%, 76%
CMY	0.9333, 0.2588, 0.2353
CMYK	0.91, 0.03, 0.00, 0.24
HSL	182°, 84%, 42%
HSV	182°, 91%, 76%
XYZ	28.2791, 40.4545, 57.9478
YIQ	138.2560, -104.4380, -34.5980

Conversions

Conversions Part 2

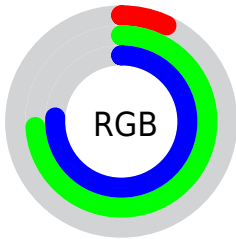
Format	Color
RYB	17, 104, 195
Decimal	1162691
CIELab	69.79, -36.00, -14.16
CIELCh	70, 38.684, 201.472
Yxy	40.4545, 0.2232, 0.3193
Android (android.graphics.Color)	4279352771 (0xFF11BDC3)
YUV	138.2560, 27.9748, -106.3415
Hunter-Lab	63.6038, -31.9433, -9.4949

Details

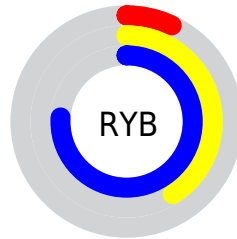
The YUV color **138.2560, 27.9748, -106.3415** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **73.7440, -27.9748, 106.3415**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8240, 23.2578, -86.6686**, and **95.3190, 22.5207, -83.5948** is the 20% darker color. If you saturate the color by 10%, you get **132.5860, 30.7701, -116.2779**, and if you desaturate by 10%, it is **144.8230, 24.7373, -94.5608**.

Distribution



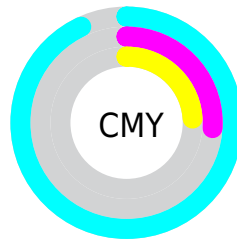
- Red (7%)
- Green (74%)
- Blue (76%)



- Red (7%)
- Yellow (41%)
- Blue (76%)



- Cyan (91%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2560, 27.9748, -106.3415 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 138.2560, 27.9748, -106.3415 by changing the saturation by 10% instead.

■ 138.2560, 27.9748,
-106.3415

■ 138.2560, 27.9748,
-106.3415

■ 255.0000, 0.0000,
0.0000

■ 114.2460, 26.5007,
-100.1937

■ 204.8240, 23.2578,
-86.6686

■ 95.3190, 22.5207,
-83.5948

■ 220.0170, 17.2466,
-71.9289

■ 77.2070, 19.1249,
-67.7105

■ 229.2860, 12.6770,
-52.8708

■ 59.6820, 15.4398,
-52.3411

■ 238.5550, 8.1074,
-33.8127

■ 42.9720, 12.3388,
-37.6864

■ 247.8240, 3.5378,
-14.7546

■ 28.1370, 8.8065,
-24.6761

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 138.2560, 27.9748,
-106.3415

■ 138.2560, 27.9748,
-106.3415

■ 132.5860, 30.7701,
-116.2779

■ 144.8230, 24.7373,
-94.5608

■ 150.5040, 21.9365,
-82.8800

■ 156.7720, 18.8464,
-71.7140

■ 163.3390, 15.6089,
-59.9333

■ 169.0200, 12.8081,
-48.2525

■ 175.5870, 9.5706,
-36.4718

■ 182.1540, 6.3331,
-24.6911

■ 187.8350, 3.5323,
-13.0103

■ 194.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



152.9890, 2.9634, -64.0114



138.2560, 27.9748, -106.3415



142.8020, 40.0306, -99.8044

Triad

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



138.2560, 27.9748, -106.3415



175.0290, 19.7057, 26.2846



168.7670, -33.4091, 29.1453

Complementary

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



138.2560, 27.9748, -106.3415



73.7440, -27.9748, 106.3415

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.



171.3210, -26.7803, 49.7075



138.2560, 27.9748, -106.3415



174.6440, 3.6265, 50.3012

Square

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



138.2560, 27.9748, -106.3415



171.5990, 31.7497, -10.1723



172.7470, -12.6933, 58.1039



165.4000, -30.2702, 2.2802

Rectangle

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



138.2560, 27.9748, -106.3415



155.8860, 39.4962, -68.3060



172.7470, -12.6933, 58.1039



169.7510, -32.4152, 37.0524

Sweetspot

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



138.2560, 27.9748, -106.3415



230.4940, 10.6025, -40.7752



122.1700, -48.8908, -92.2341



114.5670, 6.6225, -24.1763



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.



138.2560, 27.9748, -106.3415



171.9560, 39.4617, -150.8054



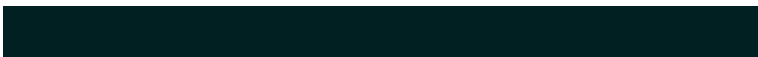
86.0130, 53.7306, -60.5244



94.0100, 1.4741, -6.1478



109.3390, 25.4689, -95.8903



22.5460, 5.1538, -19.7728

Inverse Universe

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



89.8300, 48.8908, 92.2341



103.1640, 69.4321, 130.5292



125.9870, -53.7306, 60.5244



91.1300, 2.8939, 5.1480



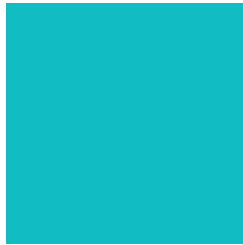
65.8090, 43.9712, 83.4825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 138.2560, 27.9748, -106.3415 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 138.2560, 27.9748, -106.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

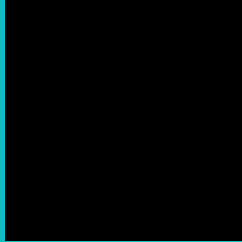
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

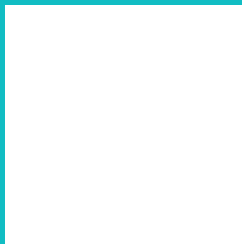
Any Text WCAG AAA ✓ Pass

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

YUV 138.2560, 27.9748, -106.3415 Background



This preview shows how black text looks on a background with the YUV color 138.2560, 27.9748, -106.3415.

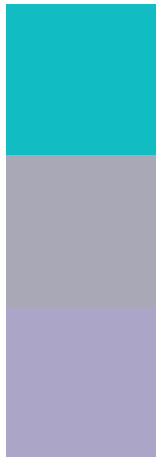


This preview shows how white text looks on a background with the YUV color 138.2560, 27.9748, -106.3415.

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

138.2560, 27.9748, -106.3415

Protanopia

169.8950, 5.9678, -0.7849

Deuteranopia

170.7840, 14.4035, 0.1894



Tritanopia

143.0660, 29.5475, -97.4049

Trichromacy



Original Color

138.2560, 27.9748, -106.3415

Protanomaly

158.7160, 13.9440, -39.2159

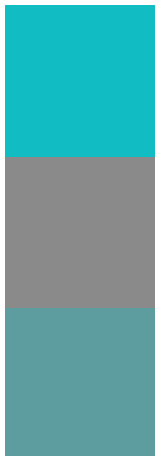
Deuteranomaly

159.0950, 19.1802, -38.6713

Tritanomaly

141.2290, 28.9741, -100.1788

Monochromacy



Original Color

138.2560, 27.9748, -106.3415

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3910, 10.1602, -38.9309

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2560, 27.9748, -106.3415 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(17, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(17, 189, 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(17, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 189, 195) }
```

Border

The CSS property to change the border of an element to YUV 138.2560, 27.9748, -106.3415 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

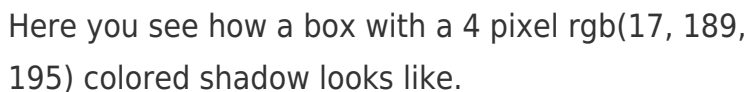
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(17, 189, 195) }
```


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

```
.border{ border-color:rgb(17, 189, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(17, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 189, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 189, 195);  
box-shadow:4px 4px 4px 4px rgb(17, 189,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 138.2560, 27.9748, -106.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 189, 195) }
```

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

```
.background{ background-color: rgb(17, 189,  
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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