

Converting Colors

YUV(138.4740, 27.3743,
-100.3937)

Have a look what the booklet for
YUV(138.4740, 27.3743, -100.3937)
contains.

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Color

**YUV(138.4740, 27.3743,
-100.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	18BAC2
RGB	24, 186, 194
RGB Percent	9%, 73%, 76%
CMY	0.9059, 0.2706, 0.2392
CMYK	0.88, 0.04, 0.00, 0.24
HSL	183°, 78%, 43%
HSV	183°, 88%, 76%
XYZ	27.6732, 39.2070, 57.1481
YIQ	138.4740, -99.1200, -31.8560

Conversions

Conversions Part 2

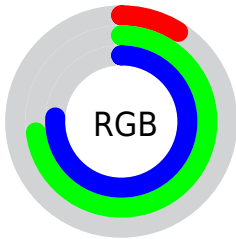
Format	Color
RYB	24, 107, 194
Decimal	1620674
CIELab	68.90, -34.56, -14.95
CIElCh	69, 37.653, 203.389
Yxy	39.2070, 0.2231, 0.3161
Android (android.graphics.Color)	4279810754 (0xFF18BAC2)
YUV	138.4740, 27.3743, -100.3937
Hunter-Lab	62.6155, -30.6883, -10.2821

Details

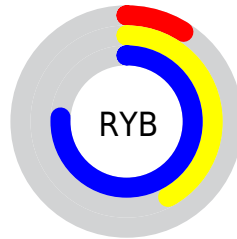
The YUV color **138.4740, 27.3743, -100.3937** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **79.5260, -27.3743, 100.3937**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1340, 23.1049, -84.3095**, and **93.4440, 22.9521, -81.9504** is the 20% darker color. If you saturate the color by 10%, you get **132.2060, 30.4644, -111.5597**, and if you desaturate by 10%, it is **144.7420, 24.2842, -89.2277**.

Distribution



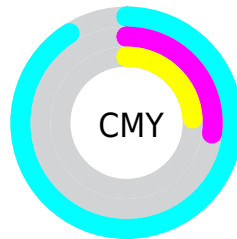
- Red (9%)
- Green (73%)
- Blue (76%)



- Red (9%)
- Yellow (42%)
- Blue (76%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4740, 27.3743, -100.3937 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 138.4740, 27.3743, -100.3937 by changing the saturation by 10% instead.

■ 138.4740, 27.3743,
-100.3937

■ 138.4740, 27.3743,
-100.3937

■ 255.0000, 0.0000,
0.0000

■ 112.3710, 26.9321,
-98.5494

■ 203.1340, 23.1049,
-84.3095

■ 93.4440, 22.9521,
-81.9504

■ 220.3160, 17.0992,
-71.3141

■ 75.3320, 19.5563,
-66.0662

■ 229.5850, 12.5296,
-52.2560

■ 58.3940, 15.5818,
-51.2115

■ 238.8540, 7.9600,
-33.1980

■ 41.6840, 12.4808,
-36.5569

■ 248.1230, 3.3904,
-14.1399

■ 26.8490, 8.9484,
-23.5466

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 138.4740, 27.3743,
-100.3937

■ 138.4740, 27.3743,
-100.3937

■ 132.2060, 30.4644,
-111.5597

■ 144.7420, 24.2842,
-89.2277

■ 130.7110, 31.2015,
-114.6335

■ 151.3090, 21.0467,
-77.4470

■ 157.5770, 17.9565,
-66.2810

■ 164.1440, 14.7190,
-54.5003

■ 170.4120, 11.6289,
-43.3343

■ 176.0930, 8.8282,
-31.6536

■ 182.6600, 5.5906,
-19.8728

■ 188.9280, 2.5005,
-8.7069

■ 195.4950, -0.7370,
3.0739

Harmonies

Analogous

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



150.6300, 4.1264, -63.6965



138.4740, 27.3743, -100.3937



144.4010, 38.2563, -90.6827

Triad

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



138.4740, 27.3743, -100.3937



172.8720, 17.8111, 27.2993



165.9840, -32.5301, 27.2010

Complementary

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



138.4740, 27.3743, -100.3937



79.5260, -27.3743, 100.3937

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.



169.0110, -26.6274, 47.3484



138.4740, 27.3743, -100.3937



172.0030, 2.4635, 49.9864

Square

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



138.4740, 27.3743, -100.3937



169.5670, 30.2865, -7.5133



170.2090, -13.4140, 55.9447



162.7310, -28.9544, 0.2359

Rectangle

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



138.4740, 27.3743, -100.3937



155.5770, 38.1695, -62.7730



170.2090, -13.4140, 55.9447



167.5550, -31.8256, 34.5933

Sweetspot

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



138.4740, 27.3743, -100.3937



230.8040, 10.4496, -38.4161



124.4740, -46.5757, -88.1157



114.8660, 6.4751, -23.5615



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.



138.4740, 27.3743, -100.3937



170.1950, 40.3299, -149.2610



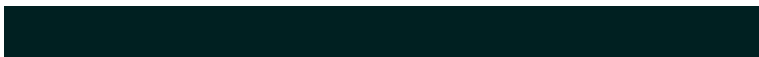
89.7530, 51.3938, -57.6654



93.4230, 1.7635, -5.6330



108.1650, 26.0477, -94.8607



22.5460, 5.1538, -19.7728

Inverse Universe

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



93.2980, 45.7021, 88.3157



102.8220, 68.1218, 130.8291



128.2470, -51.3938, 57.6654



91.0160, 2.4571, 5.2480



65.5810, 43.0976, 83.6825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 138.4740, 27.3743, -100.3937 looks on a white background.

Color Contrast Check

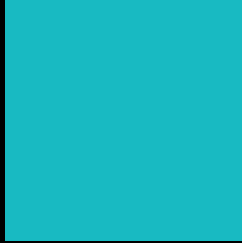
Large Text (above 18pt) WCAG AA × Fail

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 138.4740, 27.3743, -100.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

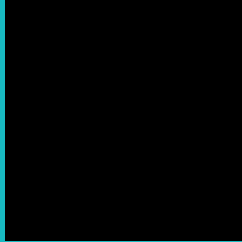
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

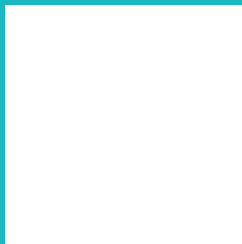
Any Text WCAG AAA ✓ Pass

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

YUV 138.4740, 27.3743, -100.3937 Background



This preview shows how black text looks on a background with the YUV color 138.4740, 27.3743, -100.3937.

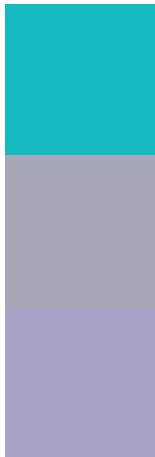


This preview shows how white text looks on a background with the YUV color 138.4740, 27.3743, -100.3937.

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

138.4740, 27.3743, -100.3937

Protanopia

167.7100, 6.5520, -1.4997

Deuteranopia

168.3000, 15.1351, -1.1401



Tritanopia

141.2620, 28.9578, -94.9458

Trichromacy



Original Color

138.4740, 27.3743, -100.3937

Protanomaly

156.8410, 14.3754, -37.5716

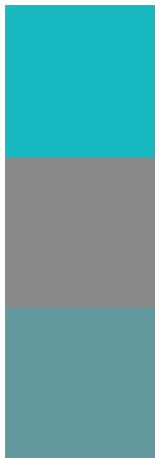
Deuteranomaly

157.2200, 19.6115, -37.0269

Tritanomaly

140.1370, 28.5265, -96.5901

Monochromacy



Original Color

138.4740, 27.3743, -100.3937

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0000, 9.8600, -35.9570

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4740, 27.3743, -100.3937 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(24, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(24, 186, 194)  
}
```

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(24, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 186, 194) }
```

Border

The CSS property to change the border of an element to YUV 138.4740, 27.3743, -100.3937 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(24, 186, 194) }
```


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

```
.border{ border-color:rgb(24, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(24, 186,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 138.4740, 27.3743, -100.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 186, 194) }
```

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

```
.background{ background-color: rgb(24, 186,  
194) }
```

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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