

Converting Colors

YIQ(138.8610, -122.3190,
-35.4310)

Have a look what the booklet for
YIQ(138.8610, -122.3190, -35.4310)
contains.

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Color

**YIQ(138.8610, -122.3190,
-35.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	00C3D6
RGB	0, 195, 214
RGB Percent	0%, 76%, 84%
CMY	0.9998, 0.2350, 0.1613
CMYK	1.00, 0.09, 0.00, 0.16
HSL	185°, 100%, 42%
HSV	185°, 100%, 84%
XYZ	31.6548, 43.9155, 70.3411
YIQ	138.8610, -122.3190, -35.4310

Conversions

Conversions Part 2

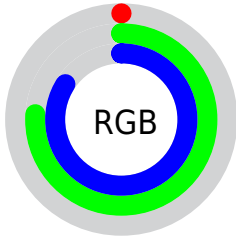
Format	Color
R _{YB}	0, 102, 214
Decimal	50134
CIE Lab	72.17, -33.47, -20.87
CIE LCh	72, 39.447, 211.948
Yxy	43.9155, 0.2169, 0.3010
Android (android.graphics.Color)	4278240214 (0xFF00C3D6)
YUV	138.8610, 37.0435, -121.7811
Hunter-Lab	66.2688, -30.7057, -16.5453

Details

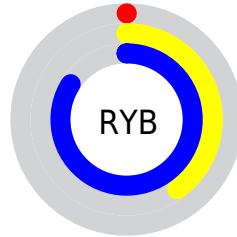
The YIQ color **138.8610, -122.3190, -35.4310** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **75.1390, 122.3190, 35.4310**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9870, -87.3830, -29.8070**, and **100.8930, -89.8140, -24.2940** is the 20% darker color. If you saturate the color by 10%, you get **138.8610, -122.3190, -35.4310**, and if you desaturate by 10%, it is **146.3140, -110.3530, -32.0250**.

Distribution



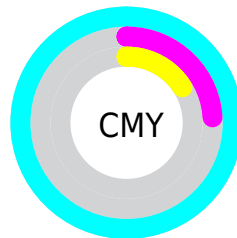
- Red (0%)
- Green (76%)
- Blue (84%)



- Red (0%)
- Yellow (40%)
- Blue (84%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.8610, -122.3190, -35.4310 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 YIQ color 138.8610, -122.3190, -35.4310 by changing the saturation by 10% instead.

■ 138.8610,
-122.3190, -35.4310

■ 138.8610,
-122.3190, -35.4310

■ 255.0000, -0.0000,
-0.0000

■ 119.8200,
-105.9060, -30.0180

■ 208.9870,
-87.3830, -29.8070

■ 100.8930,
-89.8140, -24.2940

■ 220.6150,
-68.5400, -24.3800

■ 82.6670, -74.3180,
-18.7820

■ 230.1830,
-49.4680, -17.5960

■ 65.1420, -59.4180,
-13.4820

■ 239.4520,
-30.9920, -11.0240

■ 48.2040, -44.7930,
-8.7050

■ 248.7210,
-12.5160, -4.4520

■ 32.0810, -31.0850,
-3.8290

■ 13.8380, -16.9190,

3.7610

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 138.8610,
-122.3190, -35.4310

■ 146.3140,
-110.3530, -32.0250

■ 154.0660,
-97.7910, -28.4070

■ 161.5190,
-85.8250, -25.0010

■ 169.2710,
-73.2630, -21.3830

■ 176.1370,
-61.0220, -17.4540

■ 183.5900,
-49.0560, -14.0480

■ 191.3420,
-36.4940, -10.4300

■ 198.7950,
-24.5280, -7.0240

■ 206.5470,
-11.9660, -3.4060

Harmonies

Analogous

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



155.0780, -71.7020, -33.1580



138.8610, -122.3190, -35.4310



157.1290, -92.9340, -11.7980

Triad

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



138.8610, -122.3190, -35.4310



182.0150, 23.1480, 32.0440



174.3700, 36.2240, -17.7280

Complementary

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



138.8610, -122.3190, -35.4310



75.1390, 122.3190, 35.4310

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.



176.8490, 54.4690, -1.4590



138.8610, -122.3190, -35.4310



180.7820, 48.5490, 28.7490

Square

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



138.8610, -122.3190, -35.4310



180.1770, -12.6590, 25.6850



178.5530, 58.9590, 16.2950



170.0180, 7.6160, -27.9040

Rectangle

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



138.8610, -122.3190, -35.4310



167.6860, -66.1610, 4.1030



178.5530, 58.9590, 16.2950



174.8380, 43.8340, -12.4700

Sweetspot

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



138.8610, -122.3190, -35.4310



228.1670, -43.3710, -12.4510



127.6700, -64.6280, -106.3240



111.3110, -26.0410, -7.1370



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.



138.8610, -122.3190, -35.4310



165.8410, -145.9300, -42.5540



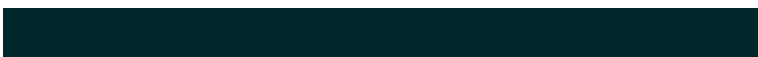
76.6390, -93.1690, 20.0070



103.1240, -6.2810, -1.8090



111.0660, -97.7910, -28.4070



28.3820, -24.8030, -7.5470

Inverse Universe

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



86.2160, 64.9490, 106.0130



102.8070, 77.1870, 126.5230



137.3610, 93.1690, -20.0070



100.4290, 3.3460, 5.4420



68.9130, 51.8400, 84.7680



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 138.8610, -122.3190, -35.4310 looks on a white background.

Color Contrast Check

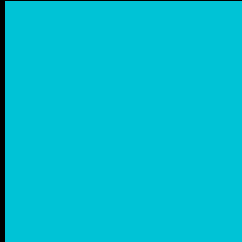
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 138.8610, -122.3190, -35.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

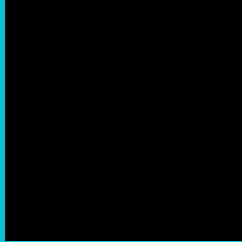
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

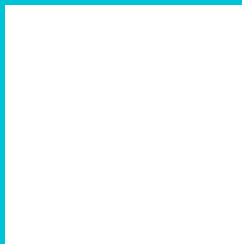
Any Text WCAG AAA ✓ Pass

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

YIQ 138.8610, -122.3190, -35.4310 Background



This preview shows how black text looks on a background with the YIQ color 138.8610, -122.3190, -35.4310.



This preview shows how white text looks on a background with the YIQ color 138.8610, -122.3190, -35.4310.

-35.4310.

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

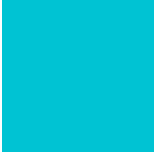
138.8610, -122.3190, -35.4310

Protanopia

176.0670, -10.1340, 7.4500

Deuteranopia

177.0590, -15.6830, 14.4050



Tritanopia

138.5190, -121.3560, -36.3640

Trichromacy



Original Color

138.8610, -122.3190, -35.4310

Protanomaly

162.7950, -50.8910, -8.3230

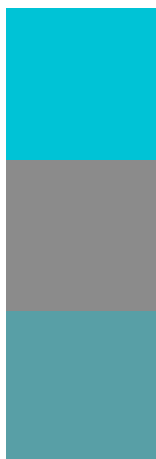
Deuteranomaly

162.9890, -54.1930, -3.5450

Tritanomaly

138.6330, -121.6770, -36.0530

Monochromacy



Original Color

138.8610, -122.3190, -35.4310

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.5690, -44.5630, -12.8750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8610, -122.3190, -35.4310 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(0, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 214)  
}
```

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(0, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 214) }
```

Border

The CSS property to change the border of an element to YIQ 138.8610, -122.3190, -35.4310 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(0, 195, 214) }
```


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

```
.border{ border-color:rgb(0, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8610, -122.3190, -35.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 214) }
```

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

```
.background{ background-color: rgb(0, 195,  
214) }
```

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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