

Converting Colors

YIQ(137.4420, -122.4570,
-32.9290)

Have a look what the booklet for
YIQ(137.4420, -122.4570, -32.9290)
contains.

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Color

**YIQ(137.4420, -122.4570,
-32.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0D9
RGB	0, 192, 217
RGB Percent	0%, 75%, 85%
CMY	0.9998, 0.2467, 0.1495
CMYK	1.00, 0.11, 0.00, 0.15
HSL	187°, 100%, 43%
HSV	187°, 100%, 85%
XYZ	31.3750, 42.7378, 72.1534
YIQ	137.4420, -122.4570, -32.9290

Conversions

Conversions Part 2

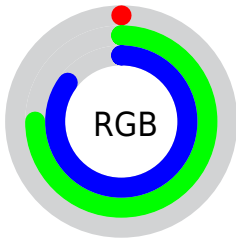
Format	Color
RYB	0, 102, 217
Decimal	49369
CIELab	71.38, -31.07, -23.72
CIELCh	71, 39.085, 217.358
Yxy	42.7378, 0.2145, 0.2922
Android (android.graphics.Color)	4278239449 (0xFF00C0D9)
YUV	137.4420, 39.2221, -120.5366
Hunter-Lab	65.3742, -28.7373, -19.6764

Details

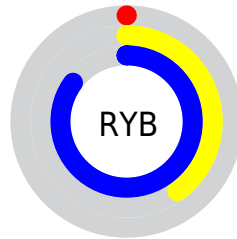
The YIQ color **137.4420, -122.4570, -32.9290** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **79.5580, 122.4570, 32.9290**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2260, -86.5580, -28.2380**, and **99.4740, -89.9520, -21.7920** is the 20% darker color. If you saturate the color by 10%, you get **137.4420, -122.4570, -32.9290**, and if you desaturate by 10%, it is **145.7810, -110.1700, -29.8340**.

Distribution



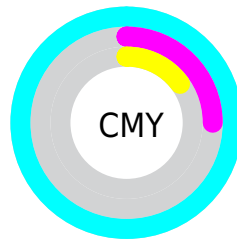
- Red (0%)
- Green (75%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4420, -122.4570, -32.9290 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 137.4420, -122.4570, -32.9290 by changing the saturation by 10% instead.

■ 137.4420,
-122.4570, -32.9290

■ 137.4420,
-122.4570, -32.9290

■ 255.0000, -0.0000,
-0.0000

■ 118.4010,
-106.0440, -27.5160

■ 207.2260,
-86.5580, -28.2380

■ 99.4740, -89.9520,
-21.7920

■ 220.6150,
-68.5400, -24.3800

■ 81.2480, -74.4560,
-16.2800

■ 230.1830,
-49.4680, -17.5960

■ 63.6090, -59.2350,
-11.2910

■ 239.4520,
-30.9920, -11.0240

■ 46.7850, -44.9310,
-6.2030

■ 249.0200,
-11.9200, -4.2400

■ 31.1350, -31.1770,
-2.1610

■ 11.7180, -16.4610,

6.4750

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 137.4420,
-122.4570, -32.9290

■ 145.7810,
-110.1700, -29.8340

■ 153.2340,
-98.2040, -26.4280

■ 161.5730,
-85.9170, -23.3330

■ 169.3250,
-73.3550, -19.7150

■ 176.7780,
-61.3890, -16.3090

■ 185.1170,
-49.1020, -13.2140

■ 192.8690,
-36.5400, -9.5960

■ 201.2080,
-24.2530, -6.5010

■ 208.6610,
-12.2870, -3.0950

Harmonies

Analogous

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



150.8860, -79.9090, -33.1010



137.4420, -122.4570, -32.9290



158.3690, -84.6820, -7.1620

Triad

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



137.4420, -122.4570, -32.9290



179.6520, 28.6040, 32.2840



171.8640, 31.7770, -19.7350

Complementary

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



137.4420, -122.4570, -32.9290



79.5580, 122.4570, 32.9290

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.



174.3000, 51.5810, -4.1870



137.4420, -122.4570, -32.9290



177.9840, 50.7960, 26.5720

Square

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



137.4420, -122.4570, -32.9290



178.3520, -5.7820, 27.7060



176.1460, 58.5470, 12.7470



167.0820, 1.5640, -28.3560

Rectangle

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



137.4420, -122.4570, -32.9290



167.9860, -58.1380, 7.3820



176.1460, 58.5470, 12.7470



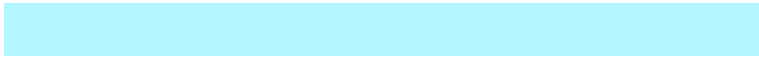
172.8050, 39.4330, -15.3110

Sweetspot

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



137.4420, -122.4570, -32.9290



226.9930, -42.8210, -11.4050



129.8870, -66.7370, -106.6490



110.7240, -25.7660, -6.6140



0.0000, 0.0000, 0.0000



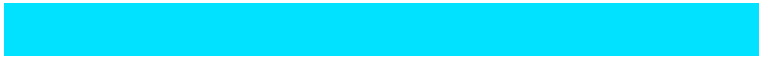
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.4420, -122.4570, -32.9290



161.7320, -144.0050, -38.8930



75.8070, -93.5820, 21.9860



105.5370, -6.0060, -1.2860



110.1200, -97.8830, -26.7390



29.3110, -26.0410, -7.1370

Inverse Universe

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



86.7710, 67.7000, 105.7160



102.0090, 79.4340, 124.3460



141.1930, 93.5820, -21.9860



103.3150, 3.6670, 5.1310



69.2830, 53.6740, 84.5700



18.4280, 14.2550, 22.5030

Previews

White Background



This preview shows how the YIQ color 137.4420, -122.4570, -32.9290 looks on a white background.

Color Contrast Check

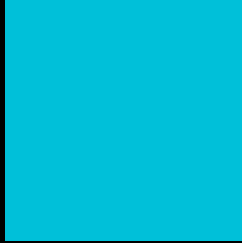
Large Text (above 18pt) WCAG AA × Fail

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 137.4420, -122.4570, -32.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

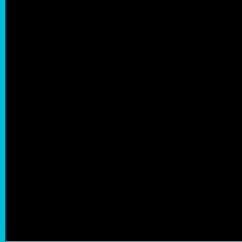
Any Text WCAG AA ✓ Pass

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 137.4420, -122.4570, -32.9290 Background



This preview shows how black text looks on a background with the YIQ color 137.4420, -122.4570, -32.9290.



This preview shows how white text looks on a background with the YIQ color 137.4420, -122.4570, -32.9290.

-32.9290.

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

137.4420, -122.4570, -32.9290

Protanopia

174.3380, -12.3350, 8.7930

Deuteranopia

174.4330, -19.6720, 15.1120



Tritanopia

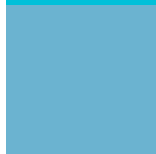
137.1170, -120.1640, -35.9400

Trichromacy



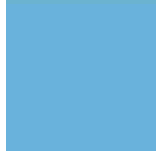
Original Color

137.4420, -122.4570, -32.9290



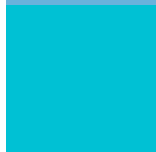
Protanomaly

160.7780, -52.2210, -6.2450



Deuteranomaly

160.9610, -56.9900, -2.4140



Tritanomaly

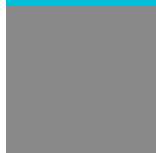
137.4590, -121.1270, -35.0070

Monochromacy



Original Color

137.4420, -122.4570, -32.9290



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.0960, -44.6090, -12.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4420, -122.4570, -32.9290 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, 192, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 217)  
}
```

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, 192, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 217) }
```

Border

The CSS property to change the border of an element to YIQ 137.4420, -122.4570, -32.9290 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, 192, 217) }
```


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

```
.border{ border-color:rgb(0, 192, 217) }
```

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

Here you see how a box with a 4 pixel rgb(0, 192, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4420, -122.4570, -32.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 217) }
```

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

```
.background{ background-color: rgb(0, 192,  
217) }
```

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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