

Converting Colors

YIQ(142.4170, -121.3090,
-42.7250)

Have a look what the booklet for
YIQ(142.4170, -121.3090, -42.7250)
contains.

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Color

**YIQ(142.4170, -121.3090,
-42.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	00CBCC
RGB	0, 203, 204
RGB Percent	0%, 80%, 80%
CMY	0.9998, 0.2036, 0.2005
CMYK	1.00, 0.00, 0.00, 0.20
HSL	180°, 100%, 40%
HSV	180°, 100%, 80%
XYZ	32.2604, 47.1059, 64.4415
YIQ	142.4170, -121.3090, -42.7250

Conversions

Conversions Part 2

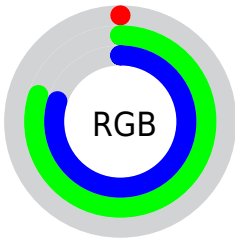
Format	Color
RYB	0, 102, 204
Decimal	52172
CIELab	74.26, -40.26, -12.30
CIELCh	74, 42.102, 196.990
Yxy	47.1059, 0.2243, 0.3276
Android (android.graphics.Color)	4278242252 (0xFF00CBCC)
YUV	142.4170, 30.3604, -124.8997
Hunter-Lab	68.6338, -36.2074, -7.6248

Details

The YIQ color **142.4170, -121.3090, -42.7250** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **61.5830, 121.3090, 42.7250**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.4490, -88.8040, -31.5880**, and **103.9760, -88.8500, -30.7540** is the 20% darker color. If you saturate the color by 10%, you get **142.4170, -121.3090, -42.7250**, and if you desaturate by 10%, it is **148.3970, -109.3890, -38.4850**.

Distribution



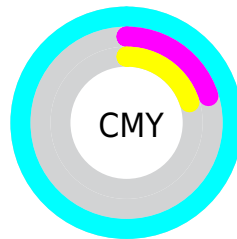
- Red (0%)
- Green (80%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.4170, -121.3090, -42.7250 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 142.4170, -121.3090, -42.7250 by changing the saturation by 10% instead.

■ 142.4170,
-121.3090, -42.7250

■ 142.4170,
-121.3090, -42.7250

■ 255.0000, -0.0000,
-0.0000

■ 122.7890,
-104.6210, -36.7890

■ 210.4490,
-88.8040, -31.5880

■ 103.9760,
-88.8500, -30.7540

■ 220.6150,
-68.5400, -24.3800

■ 85.7500, -73.3540,
-25.2420

■ 230.1830,
-49.4680, -17.5960

■ 67.6380, -58.1790,
-19.4190

■ 239.4520,
-30.9920, -11.0240

■ 50.8140, -43.8750,
-14.3310

■ 248.7210,
-12.5160, -4.4520

■ 34.2180, -30.2130,
-8.6210

■ 18.3230, -17.1470,

-3.1230

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 142.4170,
-121.3090, -42.7250

■ 148.3970,
-109.3890, -38.4850

■ 154.6760,
-96.8730, -34.0330

■ 160.6560,
-84.9530, -29.7930

■ 166.9350,
-72.4370, -25.3410

■ 172.9150,
-60.5170, -21.1010

■ 179.4820,
-48.8720, -17.3840

■ 185.7610,
-36.3560, -12.9320

■ 191.7410,
-24.4360, -8.6920

■ 198.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



164.1800, -54.5540, -35.5620



142.4170, -121.3090, -42.7250



144.5320, -131.3980, -30.5820

Triad

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



142.4170, -121.3090, -42.7250



187.7450, 6.4130, 32.4690



180.7140, 50.1150, -10.6610

Complementary

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



142.4170, -121.3090, -42.7250



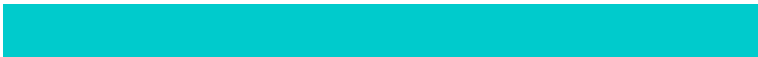
61.5830, 121.3090, 42.7250

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.



183.2510, 62.4450, 8.1810



142.4170, -121.3090, -42.7250



187.1650, 40.3410, 34.3330

Square

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



142.4170, -121.3090, -42.7250



182.2820, -35.1240, 19.8200



184.5240, 57.9030, 24.4230



177.5810, 25.0840, -25.0920

Rectangle

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



142.4170, -121.3090, -42.7250



162.4430, -96.6940, -9.7340



184.5240, 57.9030, 24.4230



181.9260, 55.5700, -4.8940

Sweetspot

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



142.4170, -121.3090, -42.7250



232.2760, -45.2960, -16.1120



119.7480, -56.1000, -106.6920



113.6590, -27.1410, -9.2290



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.



142.4170, -121.3090, -42.7250



178.1680, -151.7050, -53.5370



83.1300, -93.5340, 10.0980



99.0100, -5.9600, -2.1200



115.7790, -98.6610, -34.6690



26.6380, -22.6480, -8.0560

Inverse Universe

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



84.1380, 56.4210, 106.3810



105.2010, 70.4460, 133.0540



120.8700, 93.5340, -10.0980



96.1300, 2.7500, 5.2300



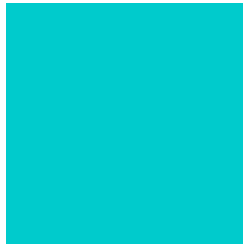
68.4440, 45.9710, 86.5070



15.6940, 10.4500, 19.8740

Previews

White Background



This preview shows how the YIQ color 142.4170, -121.3090, -42.7250 looks on a white background.

Color Contrast Check

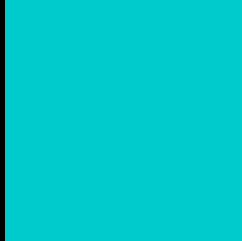
Large Text (above 18pt) WCAG AA × Fail

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 142.4170, -121.3090, -42.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

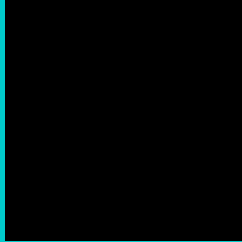
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

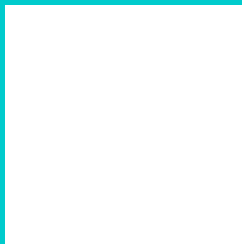
Any Text WCAG AAA ✓ Pass

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

YIQ 142.4170, -121.3090, -42.7250 Background



This preview shows how black text looks on a background with the YIQ color 142.4170, -121.3090, -42.7250.



This preview shows how white text looks on a background with the YIQ color 142.4170, -121.3090, -42.7250.

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

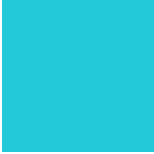
142.4170, -121.3090, -42.7250

Protanopia

181.7380, -2.0180, 3.5340

Deuteranopia

183.1540, -5.8250, 11.9590



Tritanopia

153.4890, -103.4760, -30.0040

Trichromacy



Original Color

142.4170, -121.3090, -42.7250



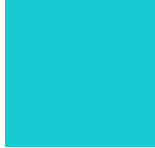
Protanomaly

167.2700, -45.1590, -13.0870



Deuteranomaly

168.1760, -47.5900, -7.5740



Tritanomaly

149.6190, -109.8940, -34.8380

Monochromacy



Original Color

142.4170, -121.3090, -42.7250



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

141.9880, -44.4250, -15.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.4170, -121.3090, -42.7250 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, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 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(0, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 204) }
```

Border

The CSS property to change the border of an element to YIQ 142.4170, -121.3090, -42.7250 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, 203, 204) }
```


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

```
.border{ border-color:rgb(0, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 142.4170, -121.3090, -42.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 204) }
```

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

```
.background{ background-color: rgb(0, 203,  
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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