

Converting Colors

YIQ(145.0040, -121.5840,
-43.2480)

Have a look what the booklet for
YIQ(145.0040, -121.5840, -43.2480)
contains.

YIQ(145.0040, -121.5840, -43.2480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.0040, -121.5840,
-43.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	02CECE
RGB	2, 206, 206
RGB Percent	1%, 81%, 81%
CMY	0.9925, 0.1918, 0.1926
CMYK	0.99, 0.00, 0.00, 0.19
HSL	180°, 98%, 41%
HSV	180°, 99%, 81%
XYZ	33.2411, 48.6463, 65.9519
YIQ	145.0040, -121.5840, -43.2480

Conversions

Conversions Part 2

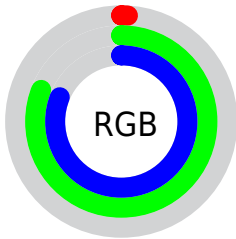
Format	Color
R_{YB}	2, 104, 206
Decimal	184014
CIE _{Lab}	75.23, -40.96, -11.93
CIE _{LCh}	75, 42.661, 196.233
Yxy	48.6463, 0.2248, 0.3290
Android (android.graphics.Color)	4278374094 (0xFF02CECE)
YUV	145.0040, 30.0710, -125.4145
Hunter-Lab	69.7469, -36.9847, -7.2411

Details

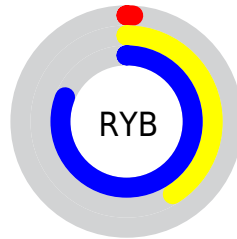
The YIQ color **145.0040, -121.5840, -43.2480** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **62.9960, 121.5840, 43.2480**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.0470, -87.6120, -31.1640**, and **105.9650, -90.3170, -31.7010** is the 20% darker color. If you saturate the color by 10%, you get **144.4060, -122.7760, -43.6720**, and if you desaturate by 10%, it is **151.2830, -109.0680, -38.7960**.

Distribution



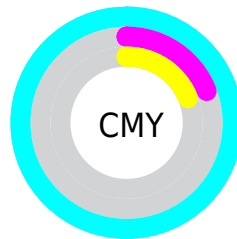
- Red (1%)
- Green (81%)
- Blue (81%)



- Red (1%)
- Yellow (41%)
- Blue (81%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (99%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.0040, -121.5840, -43.2480 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 145.0040, -121.5840, -43.2480 by changing the saturation by 10% instead.

■ 145.0040,
-121.5840, -43.2480

■ 145.0040,
-121.5840, -43.2480

■ 255.0000, -0.0000,
-0.0000

■ 124.7780,
-106.0880, -37.7360

■ 210.7480,
-88.2080, -31.3760

■ 105.9650,
-90.3170, -31.7010

■ 220.9140,
-67.9440, -24.1680

■ 87.7390, -74.8210,
-26.1890

■ 230.4820,
-48.8720, -17.3840

■ 69.6270, -59.6460,
-20.3660

■ 239.7510,
-30.3960, -10.8120

■ 52.2160, -45.0670,
-14.7550

■ 249.3190,
-11.3240, -4.0280

■ 35.5060, -31.0840,
-9.3560

■ 20.1980, -18.2930,

-4.3810

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 145.0040,
-121.5840, -43.2480

■ 145.0040,
-121.5840, -43.2480

■ 144.4060,
-122.7760, -43.6720

■ 151.2830,
-109.0680, -38.7960

■ 157.2630,
-97.1480, -34.5560

■ 163.5420,
-84.6320, -30.1040

■ 169.5220,
-72.7120, -25.8640

■ 175.8010,
-60.1960, -21.4120

■ 182.0800,
-47.6800, -16.9600

■ 188.0600,
-35.7600, -12.7200

■ 194.3390,
-23.2440, -8.2680

■ 200.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



166.9520, -53.9120, -36.1840



145.0040, -121.5840, -43.2480



146.6350, -133.1860, -31.2180

Triad

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



145.0040, -121.5840, -43.2480



189.9730, 5.7710, 33.0910



183.8990, 51.0320, -10.7600

Complementary

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



145.0040, -121.5840, -43.2480



62.9960, 121.5840, 43.2480

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.



185.8490, 63.6370, 8.6050



145.0040, -121.5840, -43.2480



189.6920, 40.2950, 35.1670

Square

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



145.0040, -121.5840, -43.2480



184.3420, -35.3530, 18.4630



186.0400, 56.3900, 24.3100



180.3530, 25.7260, -25.7140

Rectangle

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



145.0040, -121.5840, -43.2480



163.8340, -99.3530, -11.1050



186.0400, 56.3900, 24.3100



184.8230, 57.3580, -4.2580

Sweetspot

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



145.0040, -121.5840, -43.2480



232.2760, -45.2960, -16.1120



122.6450, -54.3120, -106.0560



114.1320, -27.0950, -10.0630



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.



145.0040, -121.5840, -43.2480



178.7550, -151.9800, -54.0600



86.8910, -94.3590, 8.5290



99.0100, -5.9600, -2.1200



116.3660, -98.9360, -35.1920



26.6380, -22.6480, -8.0560

Inverse Universe

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



62.9960, 121.5840, 43.2480



76.2450, 151.9800, 54.0600



121.1090, 94.3590, -8.5290



94.9900, 5.9600, 2.1200



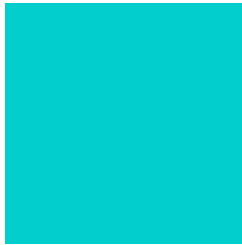
49.6340, 98.9360, 35.1920



11.3620, 22.6480, 8.0560

Previews

White Background



This preview shows how the YIQ color 145.0040, -121.5840, -43.2480 looks on a white background.

Color Contrast Check

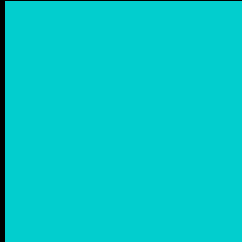
Large Text (above 18pt) WCAG AA × Fail

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 145.0040, -121.5840, -43.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

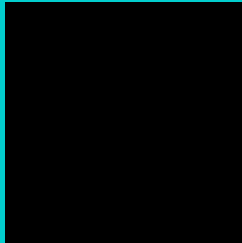
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

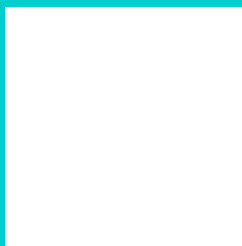
Any Text WCAG AAA ✓ Pass

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

YIQ 145.0040, -121.5840, -43.2480 Background



This preview shows how black text looks on a background with the YIQ color 145.0040, -121.5840, -43.2480.

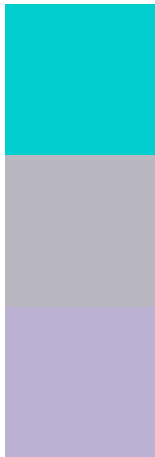


This preview shows how white text looks on a background with the YIQ color 145.0040, -121.5840, -43.2480.

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

145.0040, -121.5840, -43.2480

Protanopia

184.6240, -1.6970, 3.2230

Deuteranopia

185.4530, -5.2290, 12.1710



Tritanopia

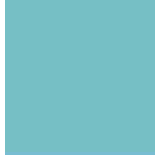
156.1900, -104.0720, -30.2160

Trichromacy



Original Color

145.0040, -121.5840, -43.2480



Protanomaly

169.8570, -45.4340, -13.6100



Deuteranomaly

170.7630, -47.8650, -8.0970



Tritanomaly

152.3200, -110.4900, -35.0500

Monochromacy



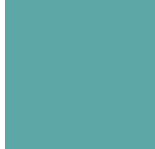
Original Color

145.0040, -121.5840, -43.2480



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

144.8740, -44.1040, -15.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.0040, -121.5840, -43.2480 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(2, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(2, 206, 206)  
}
```

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(2, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 206, 206) }
```

Border

The CSS property to change the border of an element to YIQ 145.0040, -121.5840, -43.2480 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(2, 206, 206) }
```


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

```
.border{ border-color:rgb(2, 206, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(2, 206,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 145.0040, -121.5840, -43.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 206, 206) }
```

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

```
.background{ background-color: rgb(2, 206,  
206) }
```

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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