

Converting Colors

YIQ(175.1070, -123.3720,
-43.8840)

Have a look what the booklet for
YIQ(175.1070, -123.3720, -43.8840)
contains.

YIQ(175.1070, -123.3720, -43.8840)	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(175.1070, -123.3720,
-43.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	1EEDED
RGB	30, 237, 237
RGB Percent	12%, 93%, 93%
CMY	0.8827, 0.0702, 0.0711
CMYK	0.87, 0.00, 0.00, 0.07
HSL	180°, 85%, 52%
HSV	180°, 87%, 93%
XYZ	46.1090, 67.0000, 90.5273
YIQ	175.1070, -123.3720, -43.8840

Conversions

Conversions Part 2

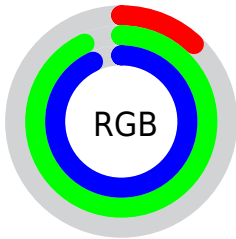
Format	Color
RYB	30, 134, 237
Decimal	2026989
CIELab	85.50, -44.64, -13.06
CIELCh	86, 46.514, 196.301
Yxy	67.0000, 0.2264, 0.3290
Android (android.graphics.Color)	4280217069 (0xFF1EEDED)
YUV	175.1070, 30.5132, -127.2588
Hunter-Lab	81.8536, -42.6928, -8.2752

Details

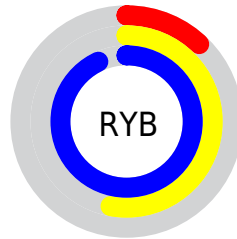
The YIQ color **175.1070, -123.3720, -43.8840** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **91.8930, 123.3720, 43.8840**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2330, -79.2680, -28.1960**, and **126.2940, -107.6010, -37.8490** is the 20% darker color. If you saturate the color by 10%, you get **167.9310, -137.6760, -48.9720**, and if you desaturate by 10%, it is **182.2830, -109.0680, -38.7960**.

Distribution



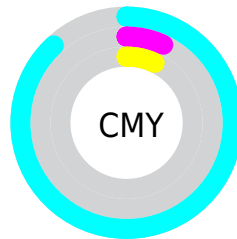
- Red (12%)
- Green (93%)
- Blue (93%)



- Red (12%)
- Yellow (53%)
- Blue (93%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (88%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1070, -123.3720, -43.8840 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 175.1070, -123.3720, -43.8840 by changing the saturation by 10% instead.

■ 175.1070,
-123.3720, -43.8840

■ 175.1070,
-123.3720, -43.8840

■ 255.0000, -0.0000,
-0.0000

■ 145.9220,
-124.2890, -43.7850

■ 215.2330,
-79.2680, -28.1960

■ 126.2940,
-107.6010, -37.8490

■ 225.3990,
-59.0040, -20.9880

■ 107.3670,
-91.5090, -32.1250

■ 235.2660,
-39.3360, -13.9920

■ 88.5540, -75.7380,
-26.0900

■ 244.8340,
-20.2640, -7.2080

■ 71.0290, -60.8380,
-20.7900

■ 254.4020, -1.1920,
-0.4240

■ 53.6180, -46.2590,
-15.1790

■ 36.9080, -32.2760,

-9.7800

■ 21.0130, -19.2100,
-4.2820

■ 2.0690, -4.4480,
3.5200

■ 175.1070,
-123.3720, -43.8840

■ 175.1070,
-123.3720, -43.8840

■ 167.9310,
-137.6760, -48.9720

■ 182.2830,
-109.0680, -38.7960

■ 166.1370,
-141.2520, -50.2440

■ 189.1600,
-95.3600, -33.9200

■ 196.3360,
-81.0560, -28.8320

■ 203.5120,
-66.7520, -23.7440

■ 210.3890,
-53.0440, -18.8680

■ 217.5650,
-38.7400, -13.7800

■ 224.7410,
-24.4360, -8.6920

■ 231.9170,
-10.1320, -3.6040

■ 238.7940, 3.5760,
1.2720

Harmonies

Analogous

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



193.4950, -60.0550, -40.4950



175.1070, -123.3720, -43.8840



165.8410, -145.9300, -42.5540

Triad

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



175.1070, -123.3720, -43.8840



217.3990, 13.1990, 30.6310



210.5850, 54.7920, -12.8240

Complementary

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



175.1070, -123.3720, -43.8840



91.8930, 123.3720, 43.8840

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.



204.5160, 51.2130, 2.4850



175.1070, -123.3720, -43.8840



209.3960, 26.4490, 32.7930

Square

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



175.1070, -123.3720, -43.8840



208.5520, -27.5570, 9.3310



203.6790, 41.1690, 19.3210



208.3270, 28.6150, -28.5130

Rectangle

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



175.1070, -123.3720, -43.8840



186.8260, -96.8750, -22.9790



203.6790, 41.1690, 19.3210



208.3340, 54.2410, -8.3430

Sweetspot

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



175.1070, -123.3720, -43.8840



235.2660, -39.3360, -13.9920



152.4060, -55.1370, -107.6250



115.9260, -23.5190, -8.7910



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.



175.1070, -123.3720, -43.8840



178.7550, -151.9800, -54.0600



116.4070, -95.8720, 8.4160



113.7110, -6.5560, -2.3320



126.8810, -107.8760, -38.3720



37.7400, -31.8630, -11.7590

Inverse Universe

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



91.8930, 123.3720, 43.8840



76.2450, 151.9800, 54.0600



150.5930, 95.8720, -8.4160



109.2890, 6.5560, 2.3320



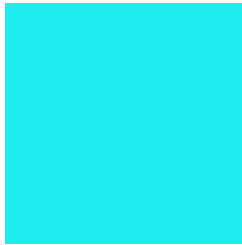
54.1190, 107.8760, 38.3720



16.1460, 32.1840, 11.4480

Previews

White Background



This preview shows how the YIQ color 175.1070, -123.3720, -43.8840 looks on a white background.

Color Contrast Check

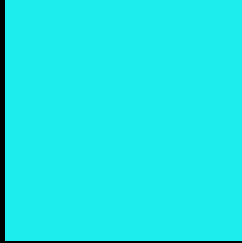
Large Text (above 18pt) WCAG AA × Fail

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 175.1070, -123.3720, -43.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

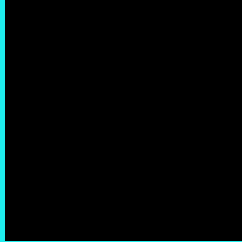
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

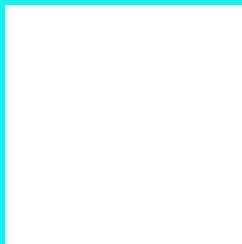
Any Text WCAG AAA ✓ Pass

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

YIQ 175.1070, -123.3720, -43.8840 Background



This preview shows how black text looks on a background with the YIQ color 175.1070, -123.3720, -43.8840.



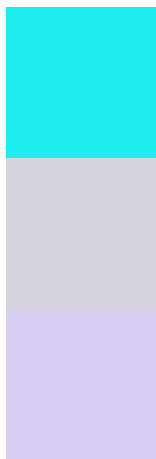
This preview shows how white text looks on a background with the YIQ color 175.1070, -123.3720, -43.8840.

-43.8840.

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

175.1070, -123.3720, -43.8840

Protanopia

212.7380, -2.0180, 3.5340

Deuteranopia

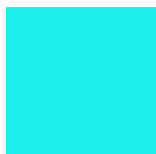
213.6210, -5.6420, 14.1500



Tritanopia

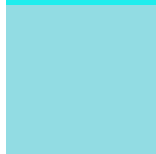
182.1500, -115.7630, -33.0990

Trichromacy



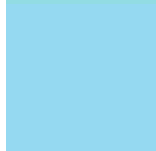
Original Color

175.1070, -123.3720, -43.8840



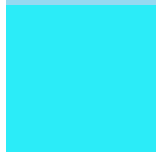
Protanomaly

198.6720, -46.3510, -13.5110



Deuteranomaly

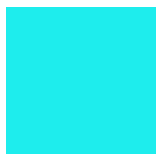
199.4040, -48.2320, -6.9520



Tritanomaly

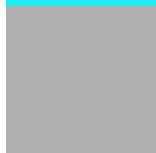
179.6610, -118.8800, -37.1840

Monochromacy



Original Color

175.1070, -123.3720, -43.8840



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.2760, -45.2960, -16.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1070, -123.3720, -43.8840 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(30, 237, 237)` looks like.

```
.text, #text, p{
  color:rgb(30, 237, 237)
}
```

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(30, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 237, 237) }
```

Border

The CSS property to change the border of an element to YIQ 175.1070, -123.3720, -43.8840 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(30, 237, 237) }
```


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

```
.border{ border-color:rgb(30, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(30, 237,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1070, -123.3720, -43.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 237, 237) }
```

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

```
.background{ background-color: rgb(30, 237,  
237) }
```

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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