

Converting Colors

YIQ(172.6570, -41.9950,
-15.3630)

Have a look what the booklet for
YIQ(172.6570, -41.9950, -15.3630)
contains.

YIQ(172.6570, -41.9950, -15.3630)	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(172.6570, -41.9950,
-15.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC2C1
RGB	123, 194, 193
RGB Percent	48%, 76%, 76%
CMY	0.5178, 0.2391, 0.2433
CMYK	0.37, 0.00, 0.01, 0.24
HSL	179°, 37%, 62%
HSV	179°, 37%, 76%
XYZ	37.0815, 46.6530, 57.4779
YIQ	172.6570, -41.9950, -15.3630

Conversions

Conversions Part 2

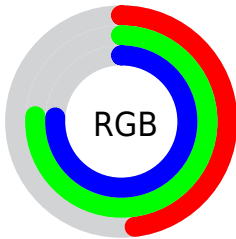
Format	Color
RYB	123, 159, 194
Decimal	8110785
CIELab	73.97, -22.44, -6.52
CIELCh	74, 23.368, 196.207
Yxy	46.6530, 0.2626, 0.3304
Android (android.graphics.Color)	4286300865 (0xFF7BC2C1)
YUV	172.6570, 10.0291, -43.5492
Hunter-Lab	68.3030, -22.6230, -2.0812

Details

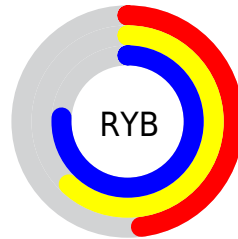
The YIQ color **172.6570, -41.9950, -15.3630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **144.3430, 41.9950, 15.3630**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9450, -42.8660, -16.0980**, and **118.7710, -42.3160, -15.0520** is the 20% darker color. If you saturate the color by 10%, you get **166.9760, -53.3190, -19.3910**, and if you desaturate by 10%, it is **178.3380, -30.6710, -11.3350**.

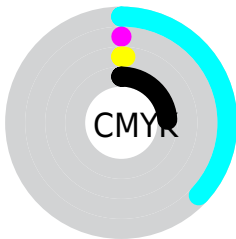
Distribution



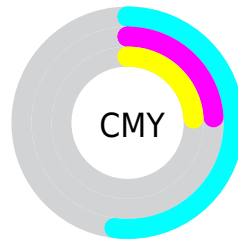
- Red (48%)
- Green (76%)
- Blue (76%)



- Red (48%)
- Yellow (62%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.6570, -41.9950, -15.3630 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 172.6570, -41.9950, -15.3630 by changing the saturation by 10% instead.

■ 172.6570,
-41.9950, -15.3630

■ 172.6570,
-41.9950, -15.3630

■ 255.0000, -0.0000,
-0.0000

■ 145.6570,
-41.9950, -15.3630

■ 228.9450,
-42.8660, -16.0980

■ 118.7710,
-42.3160, -15.0520

■ 240.6480,
-28.6080, -10.1760

■ 91.8740, -44.1040,
-15.6880

■ 249.3190,
-11.3240, -4.0280

■ 63.0900, -53.6400,
-19.0800

■ 46.2660, -39.3360,
-13.9920

■ 30.2570, -25.9490,
-8.8050

■ 16.2370, -14.0290,

-4.5650

■ 0.0000, 0.0000,
0.0000

■ 172.6570,
-41.9950, -15.3630

■ 172.6570,
-41.9950, -15.3630

■ 166.9760,
-53.3190, -19.3910

■ 178.3380,
-30.6710, -11.3350

■ 160.8820,
-64.9180, -23.9420

■ 184.4320,
-19.0720, -6.7840

■ 155.2010,
-76.2420, -27.9700

■ 190.1130, -7.7480,
-2.7560

■ 149.2210,
-88.1620, -32.2100

■ 196.0930, 4.1720,
1.4840

■ 143.4260,
-99.1650, -36.5490

■ 201.7740, 15.4960,
5.5120

■ 137.7450,
-110.4890, -40.5770

■ 207.5690, 26.4990,
9.8510

■ 135.6520,
-114.6610, -42.0610

■ 212.3530, 36.0350,
13.2430

■ 212.4670, 35.7140,
13.5540

Harmonies

Analogous

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



174.0470, -25.7180, -18.5020



172.6570, -41.9950, -15.3630



173.9480, -46.9480, -8.1960

Triad

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



172.6570, -41.9950, -15.3630



185.5190, 3.5730, 17.8530



181.8660, 29.4360, -4.8360

Complementary

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



172.6570, -41.9950, -15.3630



144.3430, 41.9950, 15.3630

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.



183.4960, 36.7700, 5.4260



172.6570, -41.9950, -15.3630



185.5120, 22.6460, 19.1100

Square

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



172.6570, -41.9950, -15.3630



182.5100, -18.5710, 11.6770



185.0970, 33.8800, 13.7520



179.5820, 15.3160, -13.2600

Rectangle

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



172.6570, -41.9950, -15.3630



176.6870, -41.5390, -1.5950



185.0970, 33.8800, 13.7520



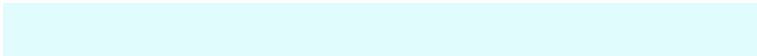
182.7140, 32.9200, -1.8960

Sweetspot

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



172.6570, -41.9950, -15.3630



243.9270, -16.0920, -5.7240



164.9760, -18.9290, -36.9210



122.8030, -9.8110, -3.9150



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.



172.6570, -41.9950, -15.3630



218.6970, -65.8350, -23.8430



152.8130, -32.9660, 2.7300



94.0100, -5.9600, -2.1200



112.5190, -94.9930, -35.0650



23.1330, -19.6680, -6.9960

Inverse Universe

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



144.3430, 41.9950, 15.3630



174.4170, 65.5140, 24.1540



164.1870, 32.9660, -2.7300



89.9900, 5.9600, 2.1200



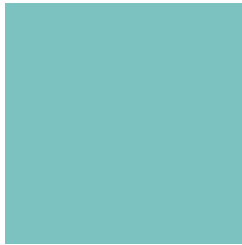
48.3670, 95.3140, 34.7540



9.9810, 19.3470, 7.3070

Previews

White Background



This preview shows how the YIQ color 172.6570, -41.9950, -15.3630 looks on a white background.

Color Contrast Check

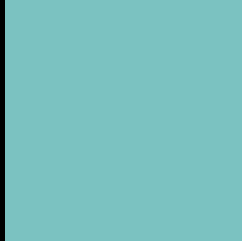
Large Text (above 18pt) WCAG AA × Fail

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 172.6570, -41.9950, -15.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

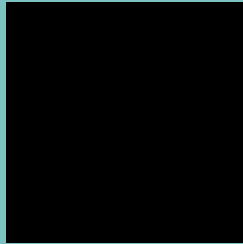
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

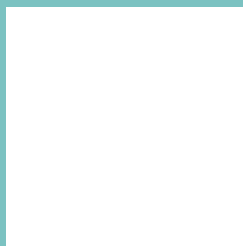
Any Text WCAG AAA ✓ Pass

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

YIQ 172.6570, -41.9950, -15.3630 Background



This preview shows how black text looks on a background with the YIQ color 172.6570, -41.9950, -15.3630.



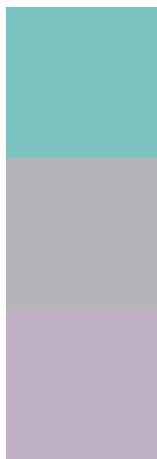
This preview shows how white text looks on a background with the YIQ color 172.6570, -41.9950, -15.3630.

-15.3630.

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

172.6570, -41.9950, -15.3630

Protanopia

181.4670, 0.1830, 2.1910

Deuteranopia

182.8790, 2.1990, 9.7110



Tritanopia

174.2750, -43.5550, -9.1150

Trichromacy



Original Color

172.6570, -41.9950, -15.3630

Protanomaly

178.1660, -15.2670, -4.1550

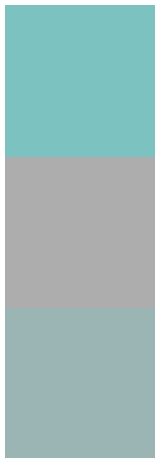
Deuteranomaly

179.3990, -14.3050, 0.4390

Tritanomaly

173.9930, -42.8210, -11.4050

Monochromacy



Original Color

172.6570, -41.9950, -15.3630

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1120, -15.1750, -5.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.6570, -41.9950, -15.3630 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(123, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(123, 194, 193)  
}
```

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(123, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 194, 193) }
```

Border

The CSS property to change the border of an element to YIQ 172.6570, -41.9950, -15.3630 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(123, 194, 193) }
```


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

```
.border{ border-color:rgb(123, 194, 193) }
```

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

Here you see how a box with a 4 pixel rgb(123, 194, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(123, 194,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 172.6570, -41.9950, -15.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 194, 193) }
```

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

```
.background{ background-color: rgb(123,  
194, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor