

Converting Colors

YIQ(172.9570, -43.1400,
-22.1480)

Have a look what the booklet for
YIQ(172.9570, -43.1400, -22.1480)
contains.

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Color

**YIQ(172.9570, -43.1400,
-22.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	76C7B7
RGB	118, 199, 183
RGB Percent	46%, 78%, 72%
CMY	0.5374, 0.2195, 0.2825
CMYK	0.41, 0.00, 0.08, 0.22
HSL	168°, 42%, 62%
HSV	168°, 41%, 78%
XYZ	36.4385, 48.1276, 52.1467
YIQ	172.9570, -43.1400, -22.1480

Conversions

Conversions Part 2

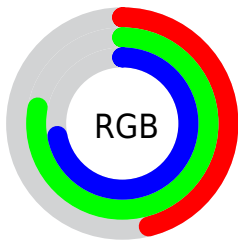
Format	Color
RYB	118, 163, 199
Decimal	7784375
CIELab	74.91, -28.61, 0.26
CIElCh	75, 28.608, 179.488
Yxy	48.1276, 0.2665, 0.3520
Android (android.graphics.Color)	4285974455 (0xFF76C7B7)
YUV	172.9570, 4.9512, -48.1973
Hunter-Lab	69.3741, -27.6482, 3.9951

Details

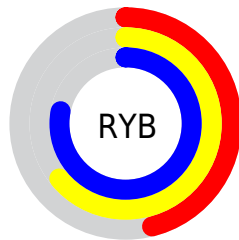
The YIQ color **172.9570, -43.1400, -22.1480** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.0430, 43.1400, 22.1480**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9570, -43.1400, -22.1480**, and **118.7720, -44.0570, -22.0490** is the 20% darker color. If you saturate the color by 10%, you get **166.5210, -53.7760, -27.6320**, and if you desaturate by 10%, it is **179.3930, -32.5040, -16.6640**.

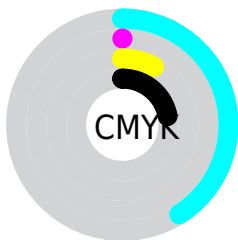
Distribution



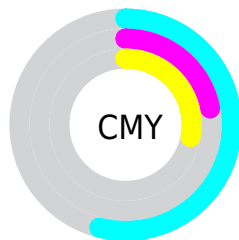
- Red (46%)
- Green (78%)
- Blue (72%)



- Red (46%)
- Yellow (64%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9570, -43.1400, -22.1480 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 172.9570, -43.1400, -22.1480 by changing the saturation by 10% instead.

■ 172.9570,
-43.1400, -22.1480

■ 172.9570,
-43.1400, -22.1480

■ 255.0000, -0.0000,
-0.0000

■ 145.9570,
-43.1400, -22.1480

■ 228.9570,
-43.1400, -22.1480

■ 118.7720,
-44.0570, -22.0490

■ 239.1530,
-31.5880, -11.2360

■ 91.6900, -46.7620,
-22.5860

■ 247.8240,
-14.3040, -5.0880

■ 64.4120, -51.8510,
-23.9710

■ 47.7020, -37.8680,
-18.5720

■ 31.8070, -24.8020,
-13.0740

■ 16.9720, -11.9650,

-8.9330

■ 0.0000, 0.0000,
0.0000

■ 172.9570,
-43.1400, -22.1480

■ 172.9570,
-43.1400, -22.1480

■ 166.5210,
-53.7760, -27.6320

■ 179.3930,
-32.5040, -16.6640

■ 160.0850,
-64.4120, -33.1160

■ 185.8290,
-21.8680, -11.1800

■ 153.6490,
-75.0480, -38.6000

■ 192.2650,
-11.2320, -5.6960

■ 147.2130,
-85.6840, -44.0840

■ 198.7010, -0.5960,
-0.2120

■ 140.7770,
-96.3200, -49.5680

■ 204.8380, 9.4440,
5.0600

■ 135.0530,
-106.0850, -54.3170

■ 211.2740, 20.0800,
10.5440

■ 217.1120, 29.5240,
15.6040

■ 217.5680, 28.2400,
16.8480

■ 217.9100, 27.2770,
17.7810

Harmonies

Analogous

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



176.3050, -17.8770, -22.9410



172.9570, -43.1400, -22.1480



171.1480, -59.5550, -16.5070

Triad

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



172.9570, -43.1400, -22.1480



186.9180, -10.7320, 18.2920



185.6720, 41.9060, 0.4500

Complementary

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



172.9570, -43.1400, -22.1480



144.0430, 43.1400, 22.1480

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.



187.1320, 43.9670, 12.6630



172.9570, -43.1400, -22.1480



188.5530, 15.4010, 23.7610

Square

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



172.9570, -43.1400, -22.1480



181.9360, -37.5060, 7.9180



188.3240, 34.9790, 21.3710



182.8780, 29.1620, -10.8860

Rectangle

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



172.9570, -43.1400, -22.1480



173.4780, -60.2440, -9.5240



188.3240, 34.9790, 21.3710



185.9760, 44.1060, 4.6340

Sweetspot

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



172.9570, -43.1400, -22.1480



245.0470, -16.5500, -8.4380



170.3310, -12.7390, -38.9710



122.1620, -9.4440, -5.0600



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.



172.9570, -43.1400, -22.1480



214.7750, -66.4750, -34.2750



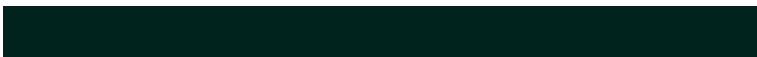
160.6930, -41.6760, -4.6200



96.0810, -4.7220, -2.5300



110.6150, -86.8760, -44.5080



24.4380, -19.2090, -9.8090

Inverse Universe

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



144.0430, 43.1400, 22.1480



170.2250, 66.4750, 34.2750



156.3070, 41.6760, 4.6200



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 172.9570, -43.1400, -22.1480 looks on a white background.

Color Contrast Check

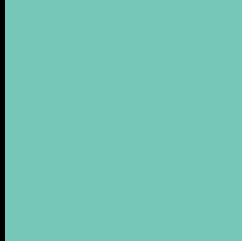
Large Text (above 18pt) WCAG AA × Fail

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 172.9570, -43.1400, -22.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

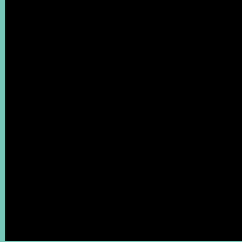
Any Text WCAG AA ✓ Pass

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 172.9570, -43.1400, -22.1480 Background



This preview shows how black text looks on a background with the YIQ color 172.9570, -43.1400, -22.1480.



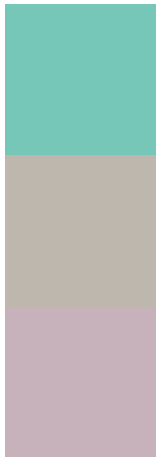
This preview shows how white text looks on a background with the YIQ color 172.9570, -43.1400, -22.1480.

-22.1480.

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

172.9570, -43.1400, -22.1480

Protanopia

183.7680, 6.4650, -1.5270

Deuteranopia

185.3050, 9.6270, 7.2510



Tritanopia

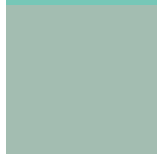
175.8940, -46.8560, -9.8640

Trichromacy



Original Color

172.9570, -43.1400, -22.1480



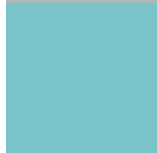
Protanomaly

179.8580, -11.6440, -9.2440



Deuteranomaly

181.2160, -9.5360, -3.3920



Tritanomaly

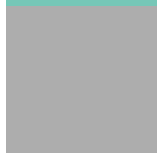
174.4440, -45.7090, -14.1330

Monochromacy



Original Color

172.9570, -43.1400, -22.1480



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.7590, -15.6790, -7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9570, -43.1400, -22.1480 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(118, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(118, 199, 183)  
}
```

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(118, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 199, 183) }
```

Border

The CSS property to change the border of an element to YIQ 172.9570, -43.1400, -22.1480 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(118, 199, 183) }
```


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

```
.border{ border-color:rgb(118, 199, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 199, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(118, 199,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9570, -43.1400, -22.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 199, 183) }
```

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

```
.background{ background-color: rgb(118,  
199, 183) }
```

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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