

Converting Colors

YIQ(170.8110, -39.7930,
-22.2330)

Have a look what the booklet for
YIQ(170.8110, -39.7930, -22.2330)
contains.

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Color

**YIQ(170.8110, -39.7930,
-22.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	77C4B1
RGB	119, 196, 177
RGB Percent	47%, 77%, 69%
CMY	0.5335, 0.2312, 0.3060
CMYK	0.39, 0.00, 0.10, 0.23
HSL	165°, 40%, 62%
HSV	165°, 39%, 77%
XYZ	35.2803, 46.5857, 48.7084
YIQ	170.8110, -39.7930, -22.2330

Conversions

Conversions Part 2

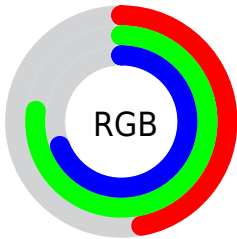
Format	Color
RYB	119, 163, 196
Decimal	7849137
CIELab	73.92, -28.27, 2.08
CIElCh	74, 28.343, 175.789
Yxy	46.5857, 0.2702, 0.3568
Android (android.graphics.Color)	4286039217 (0xFF77C4B1)
YUV	170.8110, 3.0512, -45.4382
Hunter-Lab	68.2537, -27.1775, 5.4661

Details

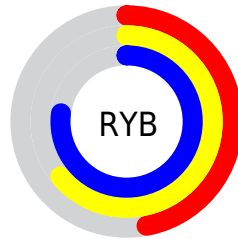
The YIQ color **170.8110, -39.7930, -22.2330** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.1890, 39.7930, 22.2330**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.0990, -40.6640, -22.9680**, and **117.0390, -40.4350, -21.6110** is the 20% darker color. If you saturate the color by 10%, you get **164.2610, -50.1080, -28.0280**, and if you desaturate by 10%, it is **177.3610, -29.4780, -16.4380**.

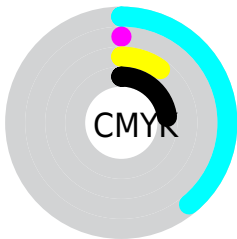
Distribution



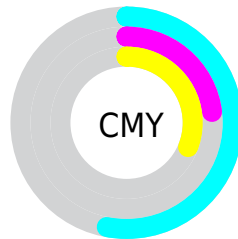
- Red (47%)
- Green (77%)
- Blue (69%)



- Red (47%)
- Yellow (64%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8110, -39.7930, -22.2330 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 170.8110, -39.7930, -22.2330 by changing the saturation by 10% instead.

■ 170.8110,
-39.7930, -22.2330

■ 170.8110,
-39.7930, -22.2330

■ 255.0000, -0.0000,
-0.0000

■ 143.8110,
-39.7930, -22.2330

■ 227.0990,
-40.6640, -22.9680

■ 116.9250,
-40.1140, -21.9220

■ 239.4520,
-30.9920, -11.0240

■ 90.2560, -42.5440,
-21.9360

■ 248.1230,
-13.7080, -4.8760

■ 62.0810, -49.4210,
-23.9570

■ 45.3710, -35.4380,
-18.5580

■ 29.4760, -22.3720,
-13.0600

■ 13.8260, -8.6180,

-9.0180

■ 0.0000, 0.0000,
0.0000

■ 170.8110,
-39.7930, -22.2330

■ 170.8110,
-39.7930, -22.2330

■ 164.2610,
-50.1080, -28.0280

■ 177.3610,
-29.4780, -16.4380

■ 158.0100,
-59.8270, -33.6110

■ 183.6120,
-19.7590, -10.8550

■ 151.4600,
-70.1420, -39.4060

■ 190.1620, -9.4440,
-5.0600

■ 145.3230,
-80.1820, -44.6780

■ 196.2990, 0.5960,
0.2120

■ 138.7730,
-90.4970, -50.4730

■ 202.8490, 10.9110,
6.0070

■ 132.2230,
-100.8120, -56.2680

■ 209.3990, 21.2260,
11.8020

■ 131.9240,
-101.4080, -56.4800

■ 215.3510, 30.3490,
17.1730

■ 215.9210, 28.7440,
18.7280

■ 216.4910, 27.1390,
20.2830

Harmonies

Analogous

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



174.5720, -14.2550, -22.5030



170.8110, -39.7930, -22.2330



168.9910, -57.6750, -17.5390

Triad

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



170.8110, -39.7930, -22.2330



183.4230, -13.7120, 17.2320



182.7260, 41.8140, 2.1180

Complementary

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



170.8110, -39.7930, -22.2330



144.1890, 39.7930, 22.2330

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.



184.4740, 43.0040, 13.5960



170.8110, -39.7930, -22.2330



186.0580, 12.4210, 22.7010

Square

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



170.8110, -39.7930, -22.2330



178.2130, -39.8440, 6.2360



185.6550, 32.5490, 21.3570



180.8890, 30.6290, -9.9390

Rectangle

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



170.8110, -39.7930, -22.2330



170.4240, -60.1520, -11.1920



185.6550, 32.5490, 21.3570



183.7310, 43.4180, 6.0900

Sweetspot

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



170.8110, -39.7930, -22.2330



244.8190, -15.9080, -9.0600



169.8800, -9.8510, -36.2430



122.0480, -9.1230, -5.3710



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.



170.8110, -39.7930, -22.2330



215.7000, -61.8900, -34.7700



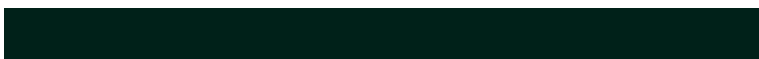
161.8240, -40.6670, -6.3870



93.7820, -5.3180, -2.7420



108.3010, -83.1160, -46.5720



22.2210, -17.1000, -9.4840

Inverse Universe

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



144.1890, 39.7930, 22.2330



174.3000, 61.8900, 34.7700



153.1760, 40.6670, 6.3870



90.3320, 4.9970, 3.0530



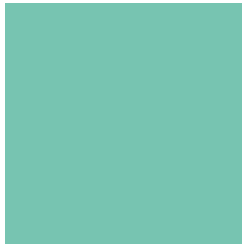
52.6990, 83.1160, 46.5720



10.7790, 17.1000, 9.4840

Previews

White Background



This preview shows how the YIQ color 170.8110, -39.7930, -22.2330 looks on a white background.

Color Contrast Check

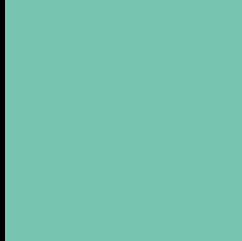
Large Text (above 18pt) WCAG AA × Fail

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 170.8110, -39.7930, -22.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

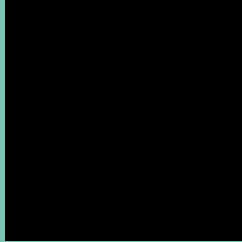
Any Text WCAG AA ✓ Pass

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 170.8110, -39.7930, -22.2330 Background



This preview shows how black text looks on a background with the YIQ color 170.8110, -39.7930, -22.2330.



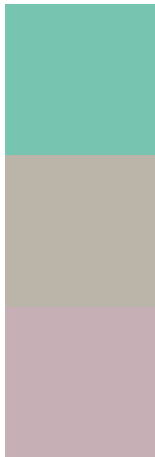
This preview shows how white text looks on a background with the YIQ color 170.8110, -39.7930,

-22.2330.

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

170.8110, -39.7930, -22.2330

Protanopia

180.7250, 8.0240, -2.2480

Deuteranopia

182.5610, 11.7820, 6.7420



Tritanopia

174.2750, -43.5550, -9.1150

Trichromacy



Original Color

170.8110, -39.7930, -22.2330

Protanomaly

177.1140, -9.4890, -9.7530

Deuteranomaly

178.4720, -7.3810, -3.9010

Tritanomaly

172.7110, -42.0870, -13.6950

Monochromacy



Original Color

170.8110, -39.7930, -22.2330

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8300, -14.4410, -8.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8110, -39.7930, -22.2330 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(119, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(119, 196, 177)  
}
```

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(119, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 196, 177) }
```

Border

The CSS property to change the border of an element to YIQ 170.8110, -39.7930, -22.2330 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(119, 196, 177) }
```


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

```
.border{ border-color:rgb(119, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(119, 196,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8110, -39.7930, -22.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 196, 177) }
```

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

```
.background{ background-color: rgb(119,  
196, 177) }
```

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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