

Converting Colors

YIQ(173.7750, -30.9440,
-22.9120)

Have a look what the booklet for
YIQ(173.7750, -30.9440, -22.9120)
contains.

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Color

**YIQ(173.7750, -30.9440,
-22.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	82C5A9
RGB	130, 197, 169
RGB Percent	51%, 77%, 66%
CMY	0.4904, 0.2273, 0.3373
CMYK	0.34, 0.00, 0.14, 0.23
HSL	155°, 37%, 64%
HSV	155°, 34%, 77%
XYZ	36.3306, 47.5511, 44.7869
YIQ	173.7750, -30.9440, -22.9120

Conversions

Conversions Part 2

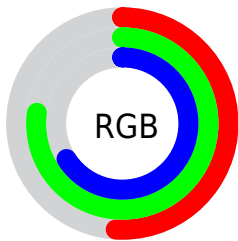
Format	Color
RYB	130, 172, 197
Decimal	8570281
CIELab	74.54, -27.39, 7.37
CIELCh	75, 28.368, 164.951
Yxy	47.5511, 0.2824, 0.3696
Android (android.graphics.Color)	4286760361 (0xFF82C5A9)
YUV	173.7750, -2.3541, -38.3907
Hunter-Lab	68.9573, -26.6314, 9.7620

Details

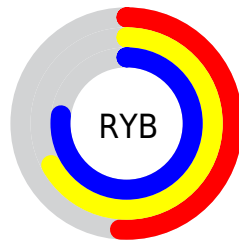
The YIQ color **173.7750, -30.9440, -22.9120** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.2250, 30.9440, 22.9120**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.9490, -31.4940, -23.9580**, and **120.3020, -30.9900, -22.0780** is the 20% darker color. If you saturate the color by 10%, you get **166.8830, -40.2960, -29.6400**, and if you desaturate by 10%, it is **180.6670, -21.5920, -16.1840**.

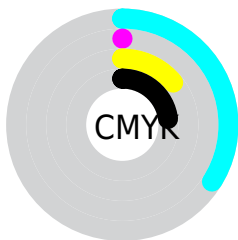
Distribution



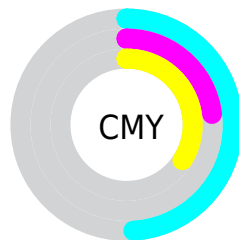
- Red (51%)
- Green (77%)
- Blue (66%)



- Red (51%)
- Yellow (67%)
- Blue (77%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.7750, -30.9440, -22.9120 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 173.7750, -30.9440, -22.9120 by changing the saturation by 10% instead.

■ 173.7750,
-30.9440, -22.9120

■ 173.7750,
-30.9440, -22.9120

■ 255.0000, -0.0000,
-0.0000

■ 146.8890,
-31.2650, -22.6010

■ 229.9490,
-31.4940, -23.9580

■ 120.3020,
-30.9900, -22.0780

■ 242.2140,
-24.3900, -9.5260

■ 94.4160, -31.3110,
-21.7670

■ 251.1130, -7.7480,
-2.7560

■ 68.7470, -33.7410,
-21.7810

■ 45.1600, -33.4660,
-21.2580

■ 29.3790, -20.7210,
-15.4490

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 173.7750,
-30.9440, -22.9120

■ 173.7750,
-30.9440, -22.9120

■ 166.8830,
-40.2960, -29.6400

■ 180.6670,
-21.5920, -16.1840

■ 160.1760,
-48.7310, -36.4670

■ 187.2600,
-12.8360, -9.6680

■ 153.2840,
-58.0830, -43.1950

■ 194.2660, -3.8050,
-2.6290

■ 146.3920,
-67.4350, -49.9230

■ 201.1580, 5.5470,
4.0990

■ 139.5000,
-76.7870, -56.6510

■ 207.7510, 14.3030,
10.6150

■ 132.9070,
-85.5430, -63.1670

■ 214.6430, 23.6550,
17.3430

■ 128.7490,
-91.0900, -67.2660

■ 217.7620, 24.9380,
21.6260

■ 218.6740, 22.3700,
24.1140

■ 219.5860, 19.8020,
26.6020

Harmonies

Analogous

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



177.4760, -5.1770, -21.8250



173.7750, -30.9440, -22.9120



170.8620, -52.9980, -19.7020

Triad

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



173.7750, -30.9440, -22.9120



183.3400, -23.8440, 13.6280



185.1440, 43.6930, 6.6130

Complementary

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



173.7750, -30.9440, -22.9120



153.2250, 30.9440, 22.9120

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.



186.9130, 40.3900, 16.9180



173.7750, -30.9440, -22.9120



186.7410, 3.0680, 21.5000

Square

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



173.7750, -30.9440, -22.9120



177.8590, -47.7750, 1.2890



187.8870, 26.0840, 22.8840



183.0470, 36.1760, -5.8400

Rectangle

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



173.7750, -30.9440, -22.9120



170.9030, -60.2430, -15.0510



187.8870, 26.0840, 22.8840



185.6650, 43.7840, 10.4720

Sweetspot

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



173.7750, -30.9440, -22.9120



246.2710, -11.3690, -8.7210



178.0000, -1.1410, -28.8930



122.4180, -7.2890, -5.5690



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.



173.7750, -30.9440, -22.9120



218.5890, -48.4560, -35.9440



174.6190, -38.8320, -12.1120



95.8530, -4.0800, -3.1520



106.5110, -75.3200, -55.7040



23.5260, -16.6410, -12.2970

Inverse Universe

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



153.2250, 30.9440, 22.9120



186.4110, 48.4560, 35.9440



152.3810, 38.8320, 12.1120



93.1470, 4.0800, 3.1520



56.4890, 75.3200, 55.7040



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 173.7750, -30.9440, -22.9120 looks on a white background.

Color Contrast Check

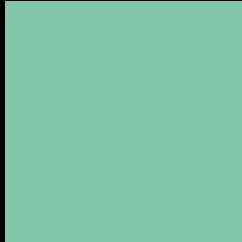
Large Text (above 18pt) WCAG AA × Fail

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 173.7750, -30.9440, -22.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

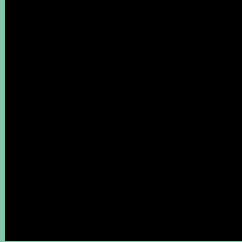
Any Text WCAG AA ✓ Pass

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 173.7750, -30.9440, -22.9120 Background



This preview shows how black text looks on a background with the YIQ color 173.7750, -30.9440, -22.9120.



This preview shows how white text looks on a background with the YIQ color 173.7750, -30.9440, -22.9120.

-22.9120.

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

173.7750, -30.9440, -22.9120

Protanopia

182.2970, 12.1050, -4.6230

Deuteranopia

184.0300, 17.6510, 5.0030



Tritanopia

177.5640, -36.9990, -6.7830

Trichromacy



Original Color

173.7750, -30.9440, -22.9120

Protanomaly

178.9960, -3.3450, -10.9690

Deuteranomaly

180.5390, -0.3200, -5.2160

Tritanomaly

176.2450, -34.8430, -12.8190

Monochromacy



Original Color

173.7750, -30.9440, -22.9120

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.6840, -11.0940, -8.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.7750, -30.9440, -22.9120 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(130, 197, 169)` looks like.

```
.text, #text, p{  
    color:rgb(130, 197, 169)  
}
```

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(130, 197, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 197, 169) }
```

Border

The CSS property to change the border of an element to YIQ 173.7750, -30.9440, -22.9120 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(130, 197, 169) }
```


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

```
.border{ border-color:rgb(130, 197, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 197, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 197, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 197, 169); box-shadow:4px 4px 4px 4px rgb(130, 197, 169) }
```

Background

The CSS property to change the background color of an element to YIQ 173.7750, -30.9440, -22.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 197, 169) }
```

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

```
.background{ background-color: rgb(130,  
197, 169) }
```

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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