

Converting Colors

YIQ(157.7330, -21.9580,
-20.5660)

Have a look what the booklet for
YIQ(157.7330, -21.9580, -20.5660)
contains.

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Color

**YIQ(157.7330, -21.9580,
-20.5660)**

Conversions

Conversions Part 1	
Format	Color
Hex	7CB193
RGB	124, 177, 147
RGB Percent	49%, 69%, 58%
CMY	0.5139, 0.3058, 0.4236
CMYK	0.30, 0.00, 0.17, 0.31
HSL	146°, 25%, 59%
HSV	146°, 30%, 69%
XYZ	29.2986, 37.8415, 33.3570
YIQ	157.7330, -21.9580, -20.5660

Conversions

Conversions Part 2

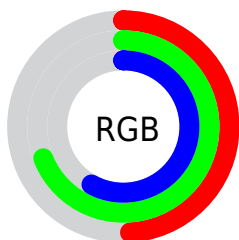
Format	Color
RYB	124, 161, 177
Decimal	8171923
CIELab	67.90, -23.90, 9.84
CIELCh	68, 25.840, 157.627
Yxy	37.8415, 0.2915, 0.3765
Android (android.graphics.Color)	4286362003 (0xFF7CB193)
YUV	157.7330, -5.2914, -29.5838
Hunter-Lab	61.5154, -22.6360, 10.9105

Details

The YIQ color **157.7330, -21.9580, -20.5660** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **143.2670, 21.9580, 20.5660**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9070, -22.5080, -21.6120**, and **105.5590, -21.4080, -19.5200** is the 20% darker color. If you saturate the color by 10%, you get **151.2110, -29.4760, -27.4920**, and if you desaturate by 10%, it is **164.2550, -14.4400, -13.6400**.

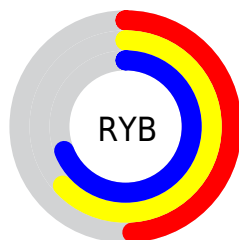
Distribution



Red (49%)

Green (69%)

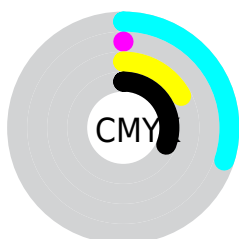
Blue (58%)



Red (49%)

Yellow (63%)

Blue (69%)

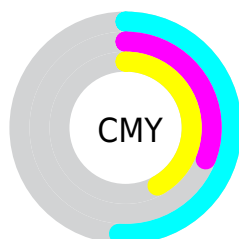


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (31%)



Cyan (51%)


Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.7330, -21.9580, -20.5660 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 157.7330, -21.9580, -20.5660 by changing the saturation by 10% instead.


 157.7330,
-21.9580, -20.5660


 157.7330,
-21.9580, -20.5660


255.0000, -0.0000,
-0.0000

 131.1460,
-21.6830, -20.0430


 212.9070,
-22.5080, -21.6120


 105.5590,
-21.4080, -19.5200


 237.3850,
-20.8580, -18.4740

 80.7870, -22.0500,
-18.8980

 248.7210,
-12.5160, -4.4520

 56.6020, -22.9670,
-18.7990

 33.8300, -23.6090,
-18.1770


 19.2400, -10.0840,
-15.4920


 0.0000, 0.0000,

0.0000


 157.7330,
-21.9580, -20.5660

 157.7330,
-21.9580, -20.5660

 151.2110,
-29.4760, -27.4920

 164.2550,
-14.4400, -13.6400


 144.9880,
-36.3980, -34.2060


 170.4780, -7.5180,
-6.9260

 138.4660,
-43.9160, -41.1320


 177.0000, -0.0000,
0.0000


 131.9440,
-51.4340, -48.0580

 183.5220, 7.5180,
6.9260

 125.4220,
-58.9520, -54.9840

 189.7450, 14.4400,
13.6400

 119.1990,
-65.8740, -61.6980

 196.2670, 21.9580,
20.5660

■ 112.6770,
-73.3920, -68.6240

■ 202.7890, 29.4760,
27.4920

■ 206.0220, 30.4380,
32.0860

■ 207.1620, 27.2280,
35.1960

Harmonies

Analogous

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



161.2920, 1.3330, -18.6590



157.7330, -21.9580, -20.5660



155.0650, -43.3240, -18.8120

Triad

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



157.7330, -21.9580, -20.5660



164.8510, -26.9610, 9.5430



167.1590, 39.3370, 8.4650

Complementary

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



157.7330, -21.9580, -20.5660



143.2670, 21.9580, 20.5660

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.



168.5040, 34.2920, 17.3000



157.7330, -21.9580, -20.5660



168.1100, -2.5250, 18.2350

Square

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



157.7330, -21.9580, -20.5660



159.0500, -46.9950, -1.8350



169.4130, 18.6110, 20.6510



165.9700, 35.0750, -2.4050

Rectangle

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



157.7330, -21.9580, -20.5660



154.0950, -52.0360, -15.1080



169.4130, 18.6110, 20.6510



167.9680, 38.5570, 11.5890

Sweetspot

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



157.7330, -21.9580, -20.5660



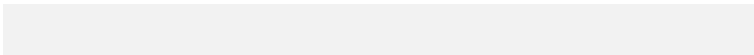
222.3530, -8.6640, -8.1840



164.0810, 3.3050, -21.3590



110.3150, -5.5010, -4.9330



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.7330, -21.9580, -20.5660



199.8250, -34.3810, -32.2130



160.6970, -30.3040, -12.4800



85.7390, -3.7590, -3.4630



97.3350, -63.2610, -59.4930



16.5160, -10.6810, -10.1770

Inverse Universe

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



143.2670, 21.9580, 20.5660



177.1750, 34.3810, 32.2130



140.3030, 30.3040, 12.4800



83.2610, 3.7590, 3.4630



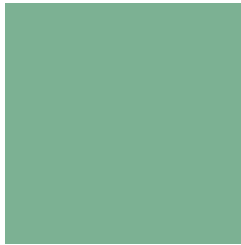
55.6650, 63.2610, 59.4930



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 157.7330, -21.9580, -20.5660 looks on a white background.

Color Contrast Check

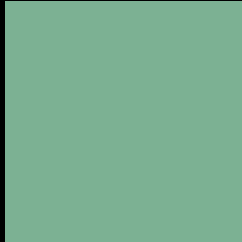
Large Text (above 18pt) WCAG AA × Fail

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 157.7330, -21.9580, -20.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

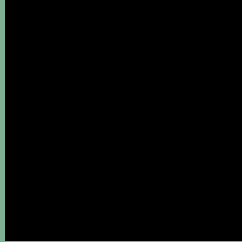
Any Text WCAG AA ✓ Pass

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 157.7330, -21.9580, -20.5660 Background



This preview shows how black text looks on a background with the YIQ color 157.7330, -21.9580, -20.5660.

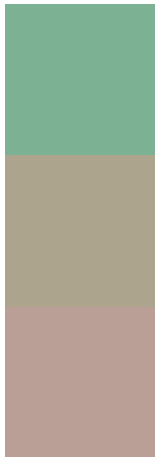


This preview shows how white text looks on a background with the YIQ color 157.7330, -21.9580, -20.5660.

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

157.7330, -21.9580, -20.5660

Protanopia

164.0690, 12.7470, -5.2450

Deuteranopia

166.1610, 18.6600, 3.2360



Tritanopia

161.5220, -28.0130, -4.4370

Trichromacy



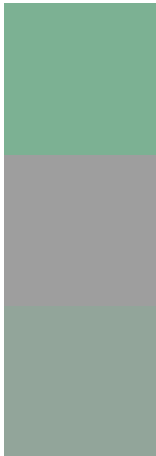
Original Color
157.7330, -21.9580, -20.5660

Protanomaly
161.8500, 0.0020, -11.0540

Deuteranomaly
163.2790, 3.3480, -5.6120

Tritanomaly
160.2030, -25.8570, -10.4730

Monochromacy



Original Color
157.7330, -21.9580, -20.5660

Achromatopsia
158.0000, -0.0000, 0.0000

Achromatomaly
158.0650, -7.7930, -7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7330, -21.9580, -20.5660 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(124, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(124, 177, 147)  
}
```

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(124, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 177, 147) }
```

Border

The CSS property to change the border of an element to YIQ 157.7330, -21.9580, -20.5660 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(124, 177, 147) }
```


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

```
.border{ border-color:rgb(124, 177, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 177, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 177, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 177, 147);  
box-shadow:4px 4px 4px 4px rgb(124, 177,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7330, -21.9580, -20.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 177, 147) }
```

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

```
.background{ background-color: rgb(124,  
177, 147) }
```

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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