

Converting Colors

YIQ(172.5850, -33.4650,
-26.7850)

Have a look what the booklet for
YIQ(172.5850, -33.4650, -26.7850)
contains.

YIQ(172.5850, -33.4650, -26.7850)	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(172.5850, -33.4650,
-26.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC7A4
RGB	124, 199, 164
RGB Percent	49%, 78%, 64%
CMY	0.5139, 0.2195, 0.3570
CMYK	0.38, 0.00, 0.18, 0.22
HSL	152°, 40%, 63%
HSV	152°, 38%, 78%
XYZ	35.4339, 47.8220, 42.4722
YIQ	172.5850, -33.4650, -26.7850

Conversions

Conversions Part 2

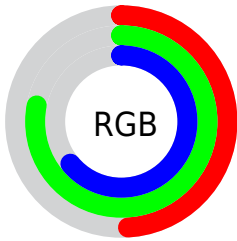
Format	Color
RYB	124, 173, 199
Decimal	8177572
CIELab	74.71, -31.15, 10.27
CIELCh	75, 32.794, 161.752
Yxy	47.8220, 0.2818, 0.3804
Android (android.graphics.Color)	4286367652 (0xFF7CC7A4)
YUV	172.5850, -4.2324, -42.6090
Hunter-Lab	69.1534, -29.5560, 11.9931

Details

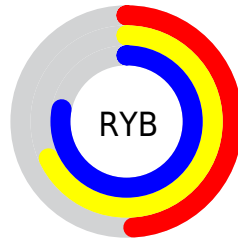
The YIQ color **172.5850, -33.4650, -26.7850** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.4150, 33.4650, 26.7850**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1720, -33.7400, -27.3080**, and **119.1120, -33.5110, -25.9510** is the 20% darker color. If you saturate the color by 10%, you get **165.5790, -42.4960, -33.8240**, and if you desaturate by 10%, it is **179.5910, -24.4340, -19.7460**.

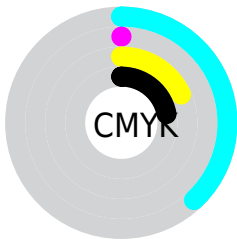
Distribution



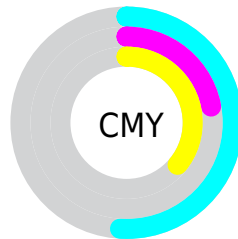
- Red (49%)
- Green (78%)
- Blue (64%)



- Red (49%)
- Yellow (68%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.5850, -33.4650, -26.7850 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 172.5850, -33.4650, -26.7850 by changing the saturation by 10% instead.

■ 172.5850,
-33.4650, -26.7850

■ 172.5850,
-33.4650, -26.7850

255.0000, -0.0000,
-0.0000

■ 145.1120,
-33.5110, -25.9510

■ 228.1720,
-33.7400, -27.3080

■ 119.1120,
-33.5110, -25.9510

■ 239.7360,
-26.0400, -12.6640

■ 92.7420, -35.3450,
-25.7530

■ 249.3190,
-11.3240, -4.0280

■ 65.1650, -41.0300,
-27.3500

■ 45.2910, -32.4570,
-23.0250

■ 29.5100, -19.7120,
-17.2160

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 172.5850,
-33.4650, -26.7850

■ 172.5850,
-33.4650, -26.7850

■ 165.5790,
-42.4960, -33.8240

■ 179.5910,
-24.4340, -19.7460

■ 158.4590,
-51.2060, -41.1740

■ 186.7110,
-15.7240, -12.3960

■ 151.4530,
-60.2370, -48.2130

■ 193.7170, -6.6930,
-5.3570

■ 144.4470,
-69.2680, -55.2520

■ 200.7230, 2.3380,
1.6820

■ 137.4410,
-78.2990, -62.2910

■ 207.4300, 10.7730,
8.5090

■ 130.6200,
-86.4130, -69.4290

■ 214.5500, 19.4830,
15.8590

■ 128.8970,
-88.7510, -71.1110

■ 219.1640, 23.7460,
21.2020

■ 220.1900, 20.8570,
24.0010

■ 221.3300, 17.6470,
27.1110

Harmonies

Analogous

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



177.1510, -2.8840, -24.8360



172.5850, -33.4650, -26.7850



168.0240, -62.4420, -24.7620

Triad

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



172.5850, -33.4650, -26.7850



183.5610, -31.7760, 14.2080



185.4330, 50.2490, 8.9450

Complementary

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



172.5850, -33.4650, -26.7850



150.4150, 33.4650, 26.7850

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.



187.1850, 45.6160, 21.3280



172.5850, -33.4650, -26.7850



187.7670, 0.1790, 24.2990

Square

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



172.5850, -33.4650, -26.7850



175.0470, -60.1080, -0.9720



188.7780, 28.0090, 26.5450



183.8690, 42.5490, -5.6990

Rectangle

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



172.5850, -33.4650, -26.7850



166.4390, -73.6760, -19.4040



188.7780, 28.0090, 26.5450



186.4810, 50.2940, 13.6380

Sweetspot

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



172.5850, -33.4650, -26.7850



245.1460, -12.5150, -9.9790



178.7890, 0.8310, -31.5930



122.0050, -7.5640, -6.0920



0.0000, 0.0000, 0.0000



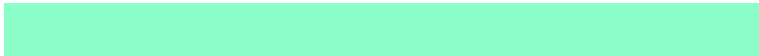
128.0000, -0.0000, -0.0000

Same Dimension

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



172.5850, -33.4650, -26.7850



214.4590, -51.2060, -41.1740



175.9880, -44.4250, -15.3770



95.8530, -4.0800, -3.1520



105.5990, -72.7520, -58.1920



23.2980, -15.9990, -12.9190

Inverse Universe

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



150.4150, 33.4650, 26.7850



180.5410, 51.2060, 41.1740



147.0120, 44.4250, 15.3770



93.1470, 4.0800, 3.1520



57.4010, 72.7520, 58.1920



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 172.5850, -33.4650, -26.7850 looks on a white background.

Color Contrast Check

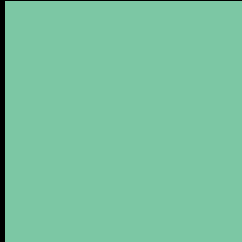
Large Text (above 18pt) WCAG AA × Fail

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 172.5850, -33.4650, -26.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

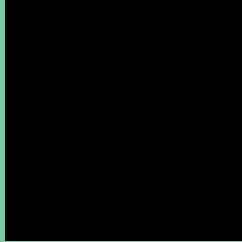
Any Text WCAG AA ✓ Pass

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 172.5850, -33.4650, -26.7850 Background



This preview shows how black text looks on a background with the YIQ color 172.5850, -33.4650, -26.7850.



This preview shows how white text looks on a background with the YIQ color 172.5850, -33.4650, -26.7850.

-26.7850.

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

172.5850, -33.4650, -26.7850

Protanopia

182.0260, 14.3060, -5.9660

Deuteranopia

184.7590, 19.8520, 3.6600



Tritanopia

177.0690, -39.9790, -7.8430

Trichromacy



Original Color

172.5850, -33.4650, -26.7850

Protanomaly

178.4150, -3.2070, -13.4710

Deuteranomaly

180.2570, 0.4140, -7.5060

Tritanomaly

175.2230, -37.7770, -14.7130

Monochromacy



Original Color

172.5850, -33.4650, -26.7850

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.5590, -12.2400, -9.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5850, -33.4650, -26.7850 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, 199, 164)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 164)  
}
```

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, 199, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 164) }
```

Border

The CSS property to change the border of an element to YIQ 172.5850, -33.4650, -26.7850 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, 199, 164) }
```


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

```
.border{ border-color:rgb(124, 199, 164) }
```

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

Here you see how a box with a 4 pixel rgb(124, 199, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 164);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5850, -33.4650, -26.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 199, 164) }
```

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

```
.background{ background-color: rgb(124,  
199, 164) }
```

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