

Converting Colors

YIQ(174.1480, -6.8290,
-13.9090)

Have a look what the booklet for
YIQ(174.1480, -6.8290, -13.9090)
contains.

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Color

**YIQ(174.1480, -6.8290,
-13.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB99E
RGB	159, 185, 158
RGB Percent	62%, 73%, 62%
CMY	0.3765, 0.2745, 0.3804
CMYK	0.14, 0.00, 0.15, 0.27
HSL	118°, 16%, 67%
HSV	118°, 15%, 73%
XYZ	37.8167, 44.5399, 38.9509
YIQ	174.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

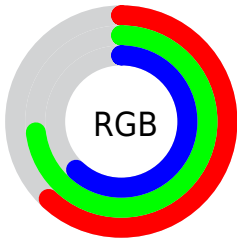
Format	Color
RYB	158, 185, 184
Decimal	10467742
CIELab	72.59, -14.10, 10.76
CIELCh	73, 17.734, 142.639
Yxy	44.5399, 0.3117, 0.3672
Android (android.graphics.Color)	4288657822 (0xFF9FB99E)
YUV	174.1480, -7.9610, -13.2848
Hunter-Lab	66.7382, -15.6461, 12.1129

Details

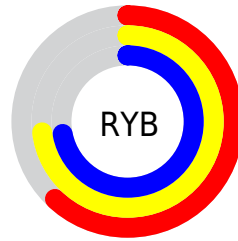
The YIQ color **174.1480, -6.8290, -13.9090** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.8520, 6.8290, 13.9090**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7350, -7.1040, -14.4320**, and **121.6750, -6.8750, -13.0750** is the 20% darker color. If you saturate the color by 10%, you get **166.6000, -11.4580, -23.6340**, and if you desaturate by 10%, it is **181.6960, -2.2000, -4.1840**.

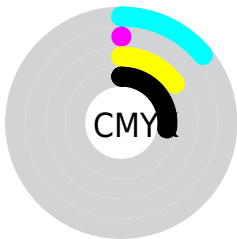
Distribution



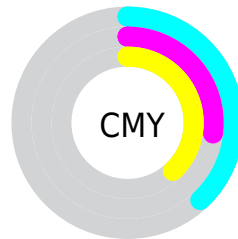
- Red (62%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (72%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.1480, -6.8290, -13.9090 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 174.1480, -6.8290, -13.9090 by changing the saturation by 10% instead.

■ 174.1480, -6.8290,
-13.9090

■ 174.1480, -6.8290,
-13.9090

■ 255.0000, -0.0000,
-0.0000

■ 147.5610, -6.5540,
-13.3860

■ 229.7350, -7.1040,
-14.4320

■ 121.6750, -6.8750,
-13.0750

■ 249.5170, -3.2540,
-7.1100

■ 96.9740, -6.2790,
-12.8630

■ 72.5010, -6.3250,
-12.0290

■ 50.0280, -6.3710,
-11.1950

■ 28.4410, -6.0960,
-10.6720

■ 9.3920, -4.4000,

-8.3680

■ 0.0000, 0.0000,
0.0000

■ 174.1480, -6.8290,
-13.9090

■ 174.1480, -6.8290,
-13.9090

■ 166.6000,
-11.4580, -23.6340

■ 181.6960, -2.2000,
-4.1840

■ 159.1660,
-16.4080, -33.0480

■ 189.1300, 2.7500,
5.2300

■ 151.6180,
-21.0370, -42.7730

■ 196.3790, 6.7830,
14.7430

■ 144.4830,
-25.3910, -51.9750

■ 203.8130, 11.7330,
24.1570

■ 136.9350,
-30.0200, -61.7000

■ 211.3610, 16.3620,
33.8820

■ 129.5010,
-34.9700, -71.1140

■ 213.9100, 19.2500,
36.6100

■ 121.9530,
-39.5990, -80.8390

■ 114.5190,
-44.5490, -90.2530

■ 110.6880,
-46.7030, -95.2710

Harmonies

Analogous

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



176.3410, 8.8050, -10.8990



174.1480, -6.8290, -13.9090



172.2480, -21.7300, -13.6820

Triad

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



174.1480, -6.8290, -13.9090



176.5320, -24.8050, 3.5070



180.3410, 27.1410, 9.2290

Complementary

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



174.1480, -6.8290, -13.9090



168.8520, 6.8290, 13.9090

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.



181.0830, 19.3000, 13.6680



174.1480, -6.8290, -13.9090



179.0610, -9.9970, 10.4750

Square

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



174.1480, -6.8290, -13.9090



173.2980, -33.1940, -4.1540



180.6670, 5.9120, 14.0080



179.7120, 27.2340, 2.0340

Rectangle

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



174.1480, -6.8290, -13.9090



172.4090, -29.4330, -11.7450



180.6670, 5.9120, 14.0080



181.0250, 25.2150, 11.0950

Sweetspot

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



174.1480, -6.8290, -13.9090



235.8700, -2.7500, -5.2300



181.3350, 8.9420, -7.8740



117.5220, -1.6500, -3.1380



247.0000, -0.0000, -0.0000



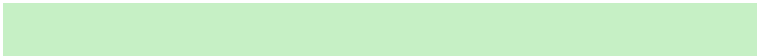
120.0000, -0.0000, -0.0000

Same Dimension

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



174.1480, -6.8290, -13.9090



222.5400, -11.2290, -22.2770



175.2170, -11.2770, -10.3890



88.2830, -2.4750, -4.7070



93.3660, -39.3240, -80.3160



16.7350, -7.1040, -14.4320

Inverse Universe

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



168.8520, 6.8290, 13.9090



214.1610, 10.6330, 22.0650



167.7830, 11.2770, 10.3890



86.4180, 1.8790, 4.4950



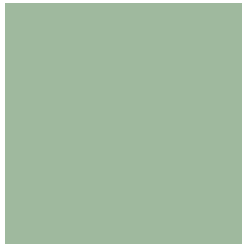
62.6340, 39.3240, 80.3160



11.2650, 7.1040, 14.4320

Previews

White Background



This preview shows how the YIQ color 174.1480, -6.8290, -13.9090 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 174.1480, -6.8290, -13.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

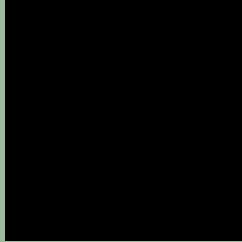
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.1480, -6.8290, -13.9090

Background



This preview shows how black text looks on a background with the YIQ color 174.1480, -6.8290, -13.9090.



This preview shows how white text looks on a background with the YIQ color 174.1480, -6.8290,

-13.9090.

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

174.1480, -6.8290, -13.9090

Protanopia

177.0690, 12.7470, -5.2450

Deuteranopia

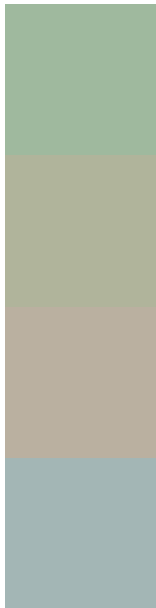
178.8300, 21.0900, 3.2500



Tritanopia

177.1110, -13.4340, 1.1740

Trichromacy



Original Color

174.1480, -6.8290, -13.9090

Protanomaly

175.9540, 5.6410, -8.6230

Deuteranomaly

177.1660, 11.0960, -2.8560

Tritanomaly

176.2050, -11.0030, -4.3390

Monochromacy



Original Color

174.1480, -6.8290, -13.9090

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1690, -2.1540, -5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.1480, -6.8290, -13.9090 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(159, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(159, 185, 158)  
}
```

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(159, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 185, 158) }
```

Border

The CSS property to change the border of an element to YIQ 174.1480, -6.8290, -13.9090 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(159, 185, 158) }
```


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

```
.border{ border-color:rgb(159, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(159, 185,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 174.1480, -6.8290, -13.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 185, 158) }
```

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

```
.background{ background-color: rgb(159,  
185, 158) }
```

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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