

Converting Colors

YIQ(167.7510, 49.8340, 21.9780)

Have a look what the booklet for
YIQ(167.7510, 49.8340, 21.9780)
contains.

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Color

**YIQ(167.7510, 49.8340,
21.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	E58C96
RGB	229, 140, 150
RGB Percent	90%, 55%, 59%
CMY	0.1017, 0.4511, 0.4116
CMYK	0.00, 0.39, 0.34, 0.10
HSL	353°, 63%, 72%
HSV	353°, 39%, 90%
XYZ	47.2124, 37.6160, 33.6469
YIQ	167.7510, 49.8340, 21.9780

Conversions

Conversions Part 2

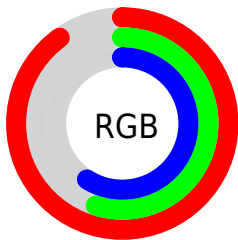
Format	Color
R _Y B	229, 140, 150
Decimal	15043734
CIE Lab	67.74, 35.05, 9.16
CIE LCh	68, 36.226, 14.644
Yxy	37.6160, 0.3985, 0.3175
Android (android.graphics.Color)	4293233814 (0xFFE58C96)
YUV	167.7510, -8.7512, 53.7154
Hunter-Lab	61.3319, 30.0760, 10.4056

Details

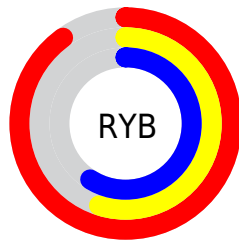
The YIQ color **167.7510, 49.8340, 21.9780** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **201.2490, -49.8340, -21.9780**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.9660, 32.8710, 15.5190**, and **114.0710, 45.9370, 21.0170** is the 20% darker color. If you saturate the color by 10%, you get **151.9700, 62.5790, 27.7870**, and if you desaturate by 10%, it is **183.5320, 37.0890, 16.1690**.

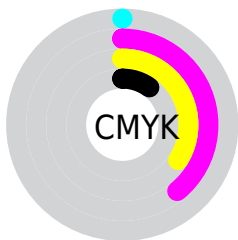
Distribution



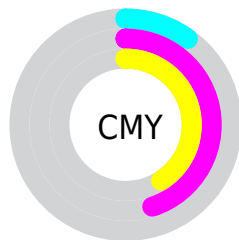
- Red (90%)
- Green (55%)
- Blue (59%)



- Red (90%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (10%)





- Cyan (10%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.7510, 49.8340, 21.9780 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 167.7510, 49.8340, 21.9780 by changing the saturation by 10% instead.


 167.7510, 49.8340,
21.9780


 167.7510, 49.8340,
21.9780


255.0000, -0.0000,
-0.0000

 140.8540, 48.0460,
21.3420


 213.9660, 32.8710,
15.5190


 114.0710, 45.9370,
21.0170


 233.5940, 16.1830,
9.5830

 88.4020, 43.5070,
21.0030

 253.2390, 0.8250,
1.5690

 63.6190, 41.3980,
20.6780

 36.7160, 39.7470,
23.0670

 19.7490, 34.9800,
15.8440

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 167.7510, 49.8340,
21.9780

■ 167.7510, 49.8340,
21.9780

■ 151.9700, 62.5790,
27.7870

■ 183.5320, 37.0890,
16.1690

■ 136.0750, 75.6450,
33.2850

■ 199.4270, 24.0230,
10.6710

■ 120.2940, 88.3900,
39.0940

■ 215.2080, 11.2780,
4.8620

■ 104.5130,
101.1350, 44.9030

■ 230.9890, -1.4670,
-0.9470

■ 88.6180, 114.2010,
50.4010

■ 246.2970,
-14.2580, -5.9220

■ 73.4240, 126.6710,
55.6870

■ 247.2260,
-15.4960, -5.5120

■ 71.4350, 128.1380,
56.6340

Harmonies

Analogous

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



169.3980, 32.1350, 28.8630



167.7510, 49.8340, 21.9780



165.8740, 53.3210, 8.3370

Triad

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



167.7510, 49.8340, 21.9780



156.7160, -6.0930, -27.2530



154.0400, -67.3980, -1.0140

Complementary

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



167.7510, 49.8340, 21.9780



201.2490, -49.8340, -21.9780

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.



140.0650, -96.0500, -21.4100



167.7510, 49.8340, 21.9780



150.8120, -41.5340, -29.2300

Square

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



167.7510, 49.8340, 21.9780



161.2590, 23.2950, -20.2010



141.9940, -80.0930, -29.7650



164.7290, -32.1890, 16.1870

Rectangle

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



167.7510, 49.8340, 21.9780



164.7990, 48.7380, -2.2220



141.9940, -80.0930, -29.7650



149.3650, -78.8590, -8.0670

Sweetspot

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



167.7510, 49.8340, 21.9780



233.7250, 17.1920, 7.8160



173.7670, 18.5150, 44.4270



115.6100, 10.0860, 4.4380



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.



167.7510, 49.8340, 21.9780



172.4760, 67.0260, 29.7940



186.5690, 43.6940, 1.0860



106.8160, 6.5100, 3.1660



55.8010, 100.2640, 44.1680



15.9330, 28.4700, 12.6780

Inverse Universe

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



167.7510, 49.8340, 21.9780



172.4760, 67.0260, 29.7940



182.4310, -43.6940, -1.0860



106.8160, 6.5100, 3.1660



55.8010, 100.2640, 44.1680



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 167.7510, 49.8340, 21.9780 looks on a white background.

Color Contrast Check

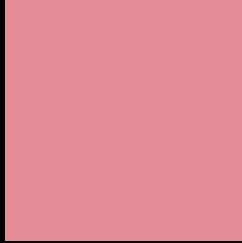
Large Text (above 18pt) WCAG AA × Fail

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 167.7510, 49.8340, 21.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

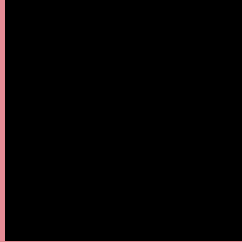
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.7510, 49.8340, 21.9780

Background



This preview shows how black text looks on a background with the YIQ color 167.7510, 49.8340, 21.9780.



This preview shows how white text looks on a background with the YIQ color 167.7510, 49.8340,

21.9780.

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

167.7510, 49.8340, 21.9780

Protanopia

165.9680, 3.0260, 0.2260

Deuteranopia

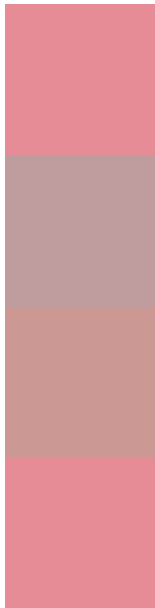
166.3030, 21.1360, 2.4160



Tritanopia

167.7510, 49.8340, 21.9780

Trichromacy



Original Color

167.7510, 49.8340, 21.9780

Protanomaly

166.6930, 20.2180, 8.0420

Deuteranomaly

166.7930, 31.6800, 9.5680

Tritanomaly

167.7510, 49.8340, 21.9780

Monochromacy



Original Color

167.7510, 49.8340, 21.9780

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9100, 18.1090, 7.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.7510, 49.8340, 21.9780 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(229, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(229, 140, 150)  
}
```

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(229, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 140, 150) }
```

Border

The CSS property to change the border of an element to YIQ 167.7510, 49.8340, 21.9780 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(229, 140, 150) }
```


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

```
.border{ border-color:rgb(229, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(229, 140,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 167.7510, 49.8340, 21.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 140, 150) }
```

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

```
.background{ background-color: rgb(229,  
140, 150) }
```

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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