

# Converting Colors

YIQ(178.1470, 39.6110, 14.5150)

Have a look what the booklet for  
YIQ(178.1470, 39.6110, 14.5150)  
contains.

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# Color

**YIQ(178.1470, 39.6110,  
14.5150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E19E9F
RGB	225, 158, 159
RGB Percent	88%, 62%, 62%
CMY	0.1175, 0.3805, 0.3763
CMYK	0.00, 0.30, 0.29, 0.12
HSL	359°, 53%, 75%
HSV	359°, 30%, 88%
XYZ	49.5476, 42.9628, 38.5003
YIQ	178.1470, 39.6110, 14.5150

# Conversions

## Conversions Part 2

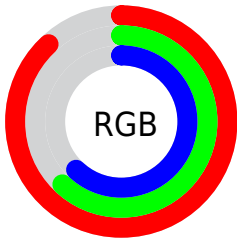
Format	Color
R <sub>Y</sub> B	225, 158, 159
Decimal	14786207
CIE Lab	71.53, 25.12, 9.49
CIE LCh	72, 26.854, 20.687
Yxy	42.9628, 0.3782, 0.3279
Android (android.graphics.Color)	4292976287 (0xFFE19E9F)
YUV	178.1470, -9.4395, 41.0901
Hunter-Lab	65.5460, 20.2263, 11.0566

# Details

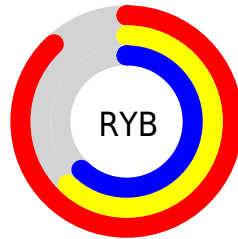
The YIQ color **178.1470, 39.6110, 14.5150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **204.8530, -39.6110, -14.5150**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6720, 24.7110, 9.2150**, and **124.7660, 36.3100, 13.7660** is the 20% darker color. If you saturate the color by 10%, you get **162.1380, 52.9980, 19.7020**, and if you desaturate by 10%, it is **193.5690, 26.4990, 9.8510**.

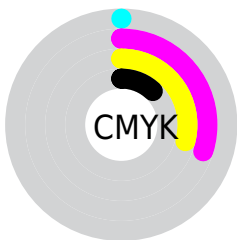
# Distribution



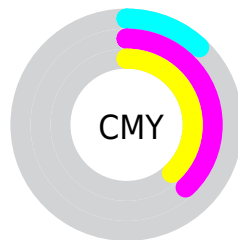
- Red (88%)
- Green (62%)
- Blue (62%)



- Red (88%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (12%)




- Cyan (12%)
- Magenta (38%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1470, 39.6110, 14.5150 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 178.1470, 39.6110, 14.5150 by changing the saturation by 10% instead.





 178.1470, 39.6110,  
14.5150

 178.1470, 39.6110,  
14.5150


255.0000, -0.0000,  
-0.0000


 151.2500, 37.8230,  
13.8790


 225.6720, 24.7110,  
9.2150


 124.7660, 36.3100,  
13.7660

 245.8870, 7.7480,  
2.7560

 99.2820, 34.7970,  
13.6530

 74.3850, 33.0090,  
13.0170

 50.7160, 30.5790,  
13.0030

 27.3460, 28.7450,  
13.2010

 12.2590, 24.4360,

8.6920

■ 0.0000, 0.0000,  
0.0000

■ 178.1470, 39.6110,  
14.5150

■ 178.1470, 39.6110,  
14.5150

■ 162.1380, 52.9980,  
19.7020

■ 193.5690, 26.4990,  
9.8510

■ 146.7160, 66.1100,  
24.3660

■ 209.5780, 13.1120,  
4.6640

■ 130.7070, 79.4970,  
29.5530

■ 225.0000, -0.0000,  
-0.0000

■ 115.1710, 92.9300,  
33.9060

■ 241.1230,  
-13.7080, -4.8760

■ 99.1620, 106.3170,  
39.0930

■ 246.0300,  
-17.8800, -6.3600

■ 83.7400, 119.4290,  
43.7570

■ 67.7310, 132.8160,  
48.9440

# Harmonies

## Analogous

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



179.2030, 28.0100, 21.0180



178.1470, 39.6110, 14.5150



176.5950, 40.8050, 3.8850

# Triad

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



178.1470, 39.6110, 14.5150



168.9640, -9.4870, -20.8070



171.1480, -41.2190, 3.6210

# Complementary

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



178.1470, 39.6110, 14.5150



204.8530, -39.6110, -14.5150

# 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.



165.3430, -55.4300, -8.6620



178.1470, 39.6110, 14.5150



165.1600, -33.4660, -21.2580

# Square

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



178.1470, 39.6110, 14.5150



172.1040, 13.6660, -16.3980



163.6280, -52.2190, -17.2990



176.6890, -17.5170, 14.6030



# Rectangle

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



178.1470, 39.6110, 14.5150



175.3290, 35.4420, -3.5500



163.6280, -52.2190, -17.2990



169.1040, -47.0870, -0.1670

# Sweetspot

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



178.1470, 39.6110, 14.5150



238.8770, 13.7080, 4.8760



185.3720, 17.8290, 34.8290



117.5990, 8.6190, 3.4910



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.



178.1470, 39.6110, 14.5150



190.7360, 54.1900, 20.1260



196.8170, 31.1320, -2.5320



104.2890, 6.5560, 2.3320



52.9660, 103.9330, 38.2450



14.4660, 28.2870, 10.4870



# Inverse Universe

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



178.1470, 39.6110, 14.5150



190.7360, 54.1900, 20.1260



186.1830, -31.1320, 2.5320



104.2890, 6.5560, 2.3320



52.9660, 103.9330, 38.2450



14.4660, 28.2870, 10.4870



# Previews

## White Background



This preview shows how the YIQ color 178.1470, 39.6110, 14.5150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

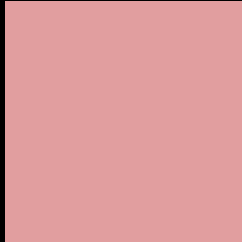
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 178.1470, 39.6110, 14.5150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

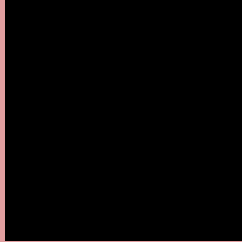
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 178.1470, 39.6110, 14.5150

## Background



This preview shows how black text looks on a background with the YIQ color 178.1470, 39.6110, 14.5150.



This preview shows how white text looks on a background with the YIQ color 178.1470, 39.6110,

14.5150.

# 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

178.1470, 39.6110, 14.5150

### Protanopia

175.6970, 5.2270, -1.1170

### Deuteranopia

176.6020, 21.7320, 2.6280



## Tritanopia

178.8850, 37.5930, 18.0490

# Trichromacy



## Original Color

178.1470, 39.6110, 14.5150

## Protanomaly

176.6170, 17.3760, 4.4800

## Deuteranomaly

177.0590, 27.8750, 6.9390

## Tritanomaly

178.5430, 38.5560, 17.1160

# Monochromacy



## Original Color

178.1470, 39.6110, 14.5150

## Achromatopsia

178.0000, -0.0000, -0.0000

## Achromatomaly

178.1760, 14.3040, 5.0880

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 178.1470, 39.6110, 14.5150 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(225, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 159)  
}
```

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(225, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 159) }
```

## Border

The CSS property to change the border of an element to YIQ 178.1470, 39.6110, 14.5150 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(225, 158, 159) }
```



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

```
.border{ border-color:rgb(225, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
159) }
```

# Background

The CSS property to change the background color of an element to YIQ 178.1470, 39.6110, 14.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 159) }
```

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

```
.background{ background-color: rgb(225,  
158, 159) }
```

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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