

Converting Colors

YIQ(183.2960, 49.3770, 13.7370)

Have a look what the booklet for
YIQ(183.2960, 49.3770, 13.7370)
contains.

YIQ(183.2960, 49.3770, 13.7370)	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(183.2960, 49.3770,
13.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA198
RGB	239, 161, 152
RGB Percent	94%, 63%, 60%
CMY	0.0626, 0.3687, 0.4037
CMYK	0.00, 0.33, 0.36, 0.06
HSL	6°, 73%, 77%
HSV	6°, 36%, 94%
XYZ	54.0230, 46.1057, 35.7800
YIQ	183.2960, 49.3770, 13.7370

Conversions

Conversions Part 2

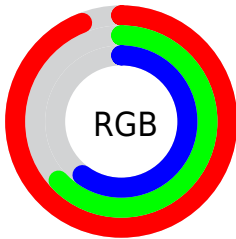
Format	Color
R _Y B	239, 162, 152
Decimal	15704472
CIE Lab	73.61, 27.91, 16.49
CIE LCh	74, 32.416, 30.583
Yxy	46.1057, 0.3975, 0.3392
Android (android.graphics.Color)	4293894552 (0xFFEFA198)
YUV	183.2960, -15.4289, 48.8524
Hunter-Lab	67.9012, 23.1897, 16.2884

Details

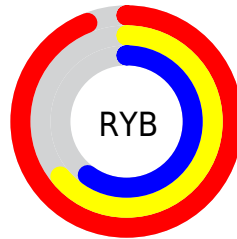
The YIQ color **183.2960, 49.3770, 13.7370** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.7040, -49.3770, -13.7370**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.5210, 26.4540, 5.1580**, and **129.6160, 45.4800, 12.7760** is the 20% darker color. If you saturate the color by 10%, you get **168.2330, 62.8560, 17.2560**, and if you desaturate by 10%, it is **198.3590, 35.8980, 10.2180**.

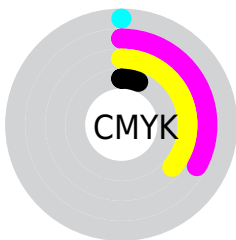
Distribution



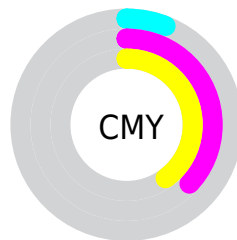
- Red (94%)
- Green (63%)
- Blue (60%)



- Red (94%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (6%)




- Cyan (6%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.2960, 49.3770, 13.7370 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 183.2960, 49.3770, 13.7370 by changing the saturation by 10% instead.


 183.2960, 49.3770,
13.7370

 183.2960, 49.3770,
13.7370


255.0000, -0.0000,
-0.0000


 155.8120, 47.8640,
13.6240


 226.5210, 26.4540,
5.1580


 129.6160, 45.4800,
12.7760

 246.8500, 9.1700,
-0.9900

 103.8330, 43.3710,
12.4510

 78.7510, 40.6660,
11.9140

 54.1960, 37.9150,
12.2110

 29.8260, 36.0810,
12.4090

 14.0530, 28.0120,

9.9640

■ 0.2990, 0.5960,
0.2120

■ 0.0000, 0.0000,
0.0000

■ 183.2960, 49.3770,
13.7370

■ 183.2960, 49.3770,
13.7370

■ 168.2330, 62.8560,
17.2560

■ 198.3590, 35.8980,
10.2180

■ 152.5830, 76.6100,
21.2980

■ 214.0090, 22.1440,
6.1760

■ 137.5200, 90.0890,
24.8170

■ 229.0720, 8.6650,
2.6570

■ 121.8700,
103.8430, 28.8590

■ 244.7220, -5.0890,
-1.3850

■ 106.9210,
117.0010, 32.6890

■ 250.2160, -9.5360,
-3.3920

■ 91.2710, 130.7550,
36.7310

■ 86.1360, 135.5690,
37.5930

Harmonies

Analogous

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



185.1290, 40.0220, 23.5900



183.2960, 49.3770, 13.7370



181.5970, 46.4910, -0.0450

Triad

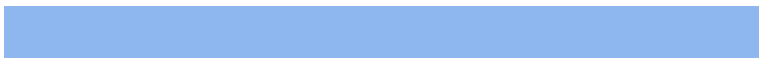
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



183.2960, 49.3770, 13.7370



171.4570, -21.3610, -25.8810



177.2390, -42.7330, 9.0350

Complementary

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



183.2960, 49.3770, 13.7370



207.7040, -49.3770, -13.7370

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.



169.0520, -67.6720, -7.0640



183.2960, 49.3770, 13.7370



166.3580, -51.7590, -25.6390

Square

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



183.2960, 49.3770, 13.7370



175.8920, 8.2110, -22.1650



163.8090, -71.8420, -19.6020



183.6130, -11.1910, 21.1050

Rectangle

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



183.2960, 49.3770, 13.7370



180.0100, 37.5980, -9.5860



163.8090, -71.8420, -19.6020



174.9880, -52.4520, 3.4520

Sweetspot

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



183.2960, 49.3770, 13.7370



237.1330, 15.8630, 4.3670



186.9050, 26.8140, 42.7020



117.2570, 9.5820, 2.5580



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.



183.2960, 49.3770, 13.7370



182.9450, 63.7270, 17.9910



208.5370, 37.5520, -8.7520



112.1750, 6.8770, 2.0210



66.1690, 104.4390, 29.0710



20.2660, 31.7260, 8.7340

Inverse Universe

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



207.7040, -49.3770, -13.7370



214.4680, -63.4520, -17.4680



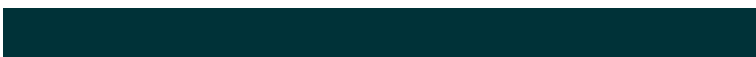
182.4630, -37.5520, 8.7520



115.8250, -6.8770, -2.0210



117.8310, -104.4390, -29.0710



35.7340, -31.7260, -8.7340

Previews

White Background



This preview shows how the YIQ color 183.2960, 49.3770, 13.7370 looks on a white background.

Color Contrast Check

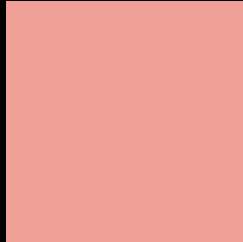
Large Text (above 18pt) WCAG AA × Fail

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 183.2960, 49.3770, 13.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

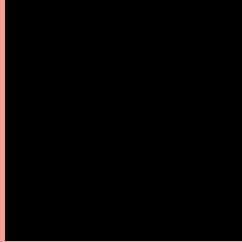
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.2960, 49.3770, 13.7370

Background



This preview shows how black text looks on a background with the YIQ color 183.2960, 49.3770, 13.7370.



This preview shows how white text looks on a background with the YIQ color 183.2960, 49.3770,

13.7370.

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

183.2960, 49.3770, 13.7370

Protanopia

181.2260, 10.8670, -4.2130

Deuteranopia

182.0280, 29.1600, 0.1680



Tritanopia

184.1850, 45.6160, 21.3280

Trichromacy



Original Color

183.2960, 49.3770, 13.7370

Protanomaly

182.0430, 24.8040, 2.0200

Deuteranomaly

182.4960, 36.7700, 5.4260

Tritanomaly

183.6750, 46.9920, 18.4160

Monochromacy



Original Color

183.2960, 49.3770, 13.7370

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.2960, 49.3770, 13.7370 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(239, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(239, 161, 152)  
}
```

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(239, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 161, 152) }
```

Border

The CSS property to change the border of an element to YIQ 183.2960, 49.3770, 13.7370 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(239, 161, 152) }
```


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

```
.border{ border-color:rgb(239, 161, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(239, 161,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 183.2960, 49.3770, 13.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 161, 152) }
```

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

```
.background{ background-color: rgb(239,  
161, 152) }
```

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