

Converting Colors

YIQ(186.1760, 49.8350, 16.4510)

Have a look what the booklet for
YIQ(186.1760, 49.8350, 16.4510)
contains.

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Color

**YIQ(186.1760, 49.8350,
16.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A29F
RGB	244, 162, 159
RGB Percent	96%, 64%, 62%
CMY	0.0429, 0.3648, 0.3763
CMYK	0.00, 0.34, 0.35, 0.04
HSL	2°, 80%, 79%
HSV	2°, 35%, 96%
XYZ	56.5020, 47.5754, 39.0291
YIQ	186.1760, 49.8350, 16.4510

Conversions

Conversions Part 2

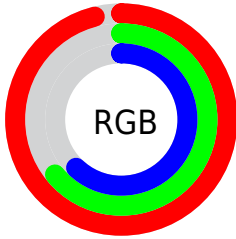
Format	Color
R _Y B	244, 162, 159
Decimal	16032415
CIE Lab	74.56, 30.09, 14.06
CIE LCh	75, 33.210, 25.048
Yxy	47.5754, 0.3948, 0.3324
Android (android.graphics.Color)	4294222495 (0xFFFF4A29F)
YUV	186.1760, -13.3978, 50.7116
Hunter-Lab	68.9749, 25.5153, 14.7335

Details

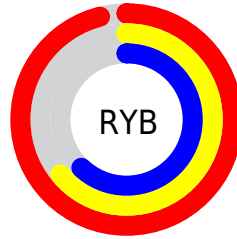
The YIQ color **186.1760, 49.8350, 16.4510** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.8240, -49.8350, -16.4510**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.0200, 23.6110, 7.1230**, and **131.9090, 46.2130, 16.0130** is the 20% darker color. If you saturate the color by 10%, you get **169.3520, 64.1390, 21.5390**, and if you desaturate by 10%, it is **203.0000, 35.5310, 11.3630**.

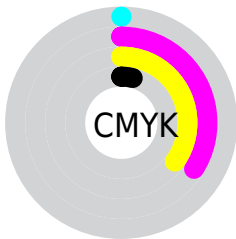
Distribution



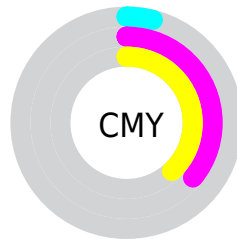
- Red (96%)
- Green (64%)
- Blue (62%)



- Red (96%)
- Yellow (64%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 186.1760, 49.8350, 16.4510 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 186.1760, 49.8350, 16.4510 by changing the saturation by 10% instead.


 186.1760, 49.8350,
16.4510

 186.1760, 49.8350,
16.4510


255.0000, -0.0000,
-0.0000


 158.6920, 48.3220,
16.3380


 228.0200, 23.6110,
7.1230


 131.9090, 46.2130,
16.0130

 248.2350, 6.6480,
0.6640

 105.7130, 43.8290,
15.1650

 80.9300, 41.7200,
14.8400

 56.3750, 38.9690,
15.1370

 31.2330, 36.4930,
15.9570

 15.2490, 30.3960,

10.8120

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 186.1760, 49.8350,
16.4510

■ 186.1760, 49.8350,
16.4510

■ 169.3520, 64.1390,
21.5390

■ 203.0000, 35.5310,
11.3630

■ 153.0010, 78.4890,
25.7930

■ 219.3510, 21.1810,
7.1090

■ 136.1770, 92.7930,
30.8810

■ 236.1750, 6.8770,
2.0210

■ 119.8260,
107.1430, 35.1350

■ 251.7110, -6.5560,
-2.3320

■ 103.0020,
121.4470, 40.2230

■ 86.7650, 135.4760,
44.7880

■ 77.6520, 143.2240,
47.5440

Harmonies

Analogous

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



187.6280, 37.1790, 25.5550



186.1760, 49.8350, 16.4510



184.1460, 49.3790, 2.6830

Triad

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



186.1760, 49.8350, 16.4510



174.6810, -16.1800, -26.1640



178.5370, -49.5640, 6.1800

Complementary

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



186.1760, 49.8350, 16.4510



216.8240, -49.8350, -16.4510

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.



169.7200, -72.6690, -10.1170



186.1760, 49.8350, 16.4510



169.5710, -48.0450, -26.8690

Square

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



186.1760, 49.8350, 16.4510



178.6430, 13.3460, -21.6140



165.9290, -72.3000, -22.3160



185.2640, -17.5180, 20.1300

Rectangle

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



186.1760, 49.8350, 16.4510



182.7440, 41.4030, -6.9570



165.9290, -72.3000, -22.3160



175.5850, -58.6870, 0.8090

Sweetspot

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



186.1760, 49.8350, 16.4510



237.4750, 14.9000, 5.3000



193.7630, 24.3380, 43.5220



117.3710, 9.2610, 2.8690



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.



186.1760, 49.8350, 16.4510



182.3410, 62.6720, 20.5920



210.8300, 38.2850, -5.5150



114.1750, 6.8770, 2.0210



59.1360, 109.2060, 36.2940



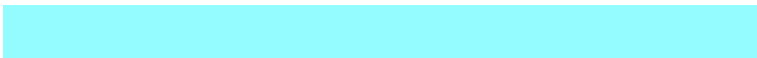
18.8150, 34.6140, 11.4620

Inverse Universe

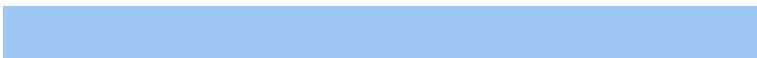
The Inverse Universe completely reimagines the original color for something new.



216.8240, -49.8350, -16.4510



220.6590, -62.6720, -20.5920



192.1700, -38.2850, 5.5150



118.4120, -7.1520, -2.5440



126.8640, -109.2060, -36.2940



40.1850, -34.6140, -11.4620

Previews

White Background



This preview shows how the YIQ color 186.1760, 49.8350, 16.4510 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 186.1760, 49.8350, 16.4510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

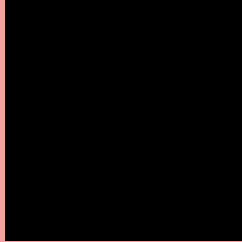
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.1760, 49.8350, 16.4510

Background



This preview shows how black text looks on a background with the YIQ color 186.1760, 49.8350, 16.4510.



This preview shows how white text looks on a background with the YIQ color 186.1760, 49.8350,

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

186.1760, 49.8350, 16.4510

Protanopia

183.6110, 8.3450, -2.5590

Deuteranopia

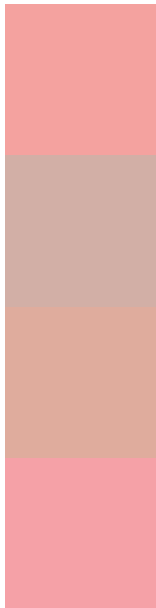
184.7720, 27.0050, 0.6770



Tritanopia

186.7830, 46.8080, 21.7520

Trichromacy



Original Color

186.1760, 49.8350, 16.4510

Protanomaly

184.4390, 23.7490, 4.6210

Deuteranomaly

185.5390, 35.2110, 6.1470

Tritanomaly

186.8000, 48.1380, 19.6740

Monochromacy



Original Color

186.1760, 49.8350, 16.4510

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

185.8560, 18.2010, 6.0490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.1760, 49.8350, 16.4510 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(244, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(244, 162, 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(244, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 162, 159) }
```

Border

The CSS property to change the border of an element to YIQ 186.1760, 49.8350, 16.4510 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(244, 162, 159) }
```


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

```
.border{ border-color:rgb(244, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(244, 162,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 186.1760, 49.8350, 16.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 162, 159) }
```

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

```
.background{ background-color: rgb(244,  
162, 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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