

Converting Colors

YIQ(187.7380, 59.8760, 16.1960)

Have a look what the booklet for
YIQ(187.7380, 59.8760, 16.1960)
contains.

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Color

**YIQ(187.7380, 59.8760,
16.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA195
RGB	255, 161, 149
RGB Percent	100%, 63%, 58%
CMY	0.0000, 0.3688, 0.4154
CMYK	0.00, 0.37, 0.42, 0.00
HSL	7°, 100%, 79%
HSV	7°, 42%, 100%
XYZ	59.4078, 48.9079, 34.7692
YIQ	187.7380, 59.8760, 16.1960

Conversions

Conversions Part 2

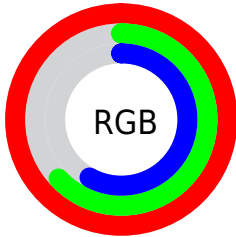
Format	Color
R _Y B	255, 163, 149
Decimal	16753045
CIE Lab	75.39, 33.56, 20.87
CIE LCh	75, 39.524, 31.879
Yxy	48.9079, 0.4152, 0.3418
Android (android.graphics.Color)	4294943125 (0xFFFFA195)
YUV	187.7380, -19.0978, 58.9888
Hunter-Lab	69.9342, 29.2478, 19.4767

Details

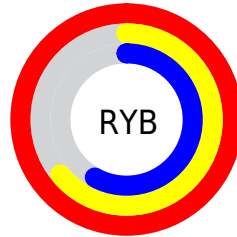
The YIQ color **187.7380, 59.8760, 16.1960** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.2620, -59.8760, -16.1960**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.7660, 27.1420, 3.7020**, and **132.8730, 55.0620, 15.3340** is the 20% darker color. If you saturate the color by 10%, you get **171.3870, 74.2260, 20.4500**, and if you desaturate by 10%, it is **204.2030, 45.2050, 12.2530**.

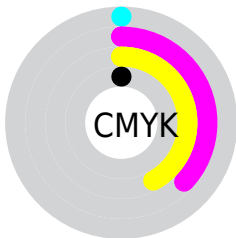
Distribution



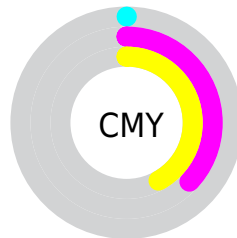
- Red (100%)
- Green (63%)
- Blue (58%)



- Red (100%)
- Yellow (64%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.7380, 59.8760, 16.1960 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 187.7380, 59.8760, 16.1960 by changing the saturation by 10% instead.


 187.7380, 59.8760,
16.1960


 187.7380, 59.8760,
16.1960


255.0000, -0.0000,
-0.0000


 159.9550, 57.7670,
15.8710


 226.7660, 27.1420,
3.7020


 132.8730, 55.0620,
15.3340

 246.3940, 10.4540,
-2.2340

 106.7910, 52.3570,
14.7970

 81.2360, 49.6060,
15.0940

 56.2680, 46.5800,
14.8680

 29.1370, 45.5710,
16.6350

 16.7440, 33.3760,

11.8720

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 187.7380, 59.8760,
16.1960

■ 187.7380, 59.8760,
16.1960

■ 171.3870, 74.2260,
20.4500

■ 204.2030, 45.2050,
12.2530

■ 155.5090, 88.6220,
23.8700

■ 219.9670, 31.1300,
8.5220

■ 139.1580,
102.9720, 28.1240

■ 236.4320, 16.4590,
4.5790

■ 122.6930,
117.6430, 32.0670

■ 252.7830, 2.1090,
0.3250

■ 106.9290, 255.0000, -0.0000,
131.7180, 35.7980 -0.0000

■ 93.2680, 144.0050,
38.8930

Harmonies

Analogous

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



189.4940, 49.4200, 29.4840



187.7380, 59.8760, 16.1960



186.0340, 55.3860, -1.5580

Triad

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



187.7380, 59.8760, 16.1960



173.3480, -28.6040, -32.2840



180.3890, -51.9030, 10.0250

Complementary

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



187.7380, 59.8760, 16.1960



216.2620, -59.8760, -16.1960

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.



167.0260, -91.1460, -11.1620



187.7380, 59.8760, 16.1960



164.3770, -71.1060, -32.9460

Square

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



187.7380, 59.8760, 16.1960



179.0180, 7.6160, -27.9040



155.3360, -107.4190, -30.1310



188.7040, -12.7050, 26.5190

Rectangle

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



187.7380, 59.8760, 16.1960



184.0230, 44.7510, -12.5690



155.3360, -107.4190, -30.1310



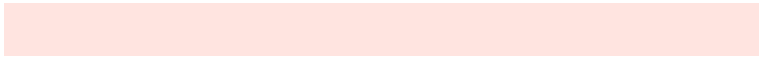
176.4580, -65.5190, 3.4810

Sweetspot

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



187.7380, 59.8760, 16.1960



235.6170, 17.3760, 4.4800



191.5240, 32.6810, 52.0170



116.5560, 10.1780, 2.7700



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.



187.7380, 59.8760, 16.1960



174.1910, 71.8420, 19.6020



218.2620, 45.5760, -11.0000



119.4740, 7.4730, 2.2330



69.4360, 108.0610, 29.5090



23.2450, 36.2190, 9.9070

Inverse Universe

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



216.2620, -59.8760, -16.1960



208.8090, -71.8420, -19.6020



185.7380, -45.5760, 11.0000



122.9390, -7.1980, -1.7100



121.5640, -108.0610, -29.5090



40.7550, -36.2190, -9.9070

Previews

White Background



This preview shows how the YIQ color 187.7380, 59.8760, 16.1960 looks on a white background.

Color Contrast Check

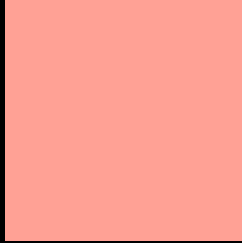
Large Text (above 18pt) WCAG AA × Fail

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 187.7380, 59.8760, 16.1960 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 187.7380, 59.8760, 16.1960

Background



This preview shows how black text looks on a background with the YIQ color 187.7380, 59.8760, 16.1960.



This preview shows how white text looks on a background with the YIQ color 187.7380, 59.8760,

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

187.7380, 59.8760, 16.1960

Protanopia

185.8410, 13.3890, -5.8670

Deuteranopia

186.8990, 33.8370, -1.9950



Tritanopia

188.9580, 53.6850, 23.7730

Trichromacy



Original Color

187.7380, 59.8760, 16.1960

Protanomaly

186.6800, 30.2600, 2.2600

Deuteranomaly

186.7910, 43.1890, 4.7330

Tritanomaly

188.6330, 55.9780, 20.7620

Monochromacy



Original Color

187.7380, 59.8760, 16.1960

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7100, 21.5480, 5.9640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.7380, 59.8760, 16.1960 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(255, 161, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 149)  
}
```

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(255, 161, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 149) }
```

Border

The CSS property to change the border of an element to YIQ 187.7380, 59.8760, 16.1960 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(255, 161, 149) }
```


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

```
.border{ border-color:rgb(255, 161, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 149); box-shadow:4px 4px 4px 4px rgb(255, 161, 149) }
```

Background

The CSS property to change the background color of an element to YIQ 187.7380, 59.8760, 16.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 149) }
```

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

```
.background{ background-color: rgb(255,  
161, 149) }
```

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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