

Converting Colors

YIQ(187.4760, 57.8580, 19.7300)

Have a look what the booklet for
YIQ(187.4760, 57.8580, 19.7300)
contains.

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Color

**YIQ(187.4760, 57.8580,
19.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9D
RGB	255, 159, 157
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3766, 0.3841
CMYK	0.00, 0.38, 0.38, 0.00
HSL	1°, 100%, 81%
HSV	1°, 38%, 100%
XYZ	59.7220, 48.4787, 38.1343
YIQ	187.4760, 57.8580, 19.7300

Conversions

Conversions Part 2

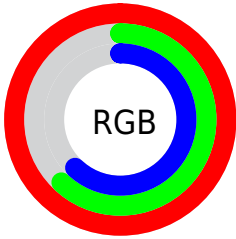
Format	Color
R_{YB}	255, 159, 157
Decimal	16752541
CIE _{Lab}	75.13, 35.47, 16.14
CIE _{LCh}	75, 38.969, 24.462
Yxy	48.4787, 0.4081, 0.3313
Android (android.graphics.Color)	4294942621 (0xFFFF9F9D)
YUV	187.4760, -15.0247, 59.2185
Hunter-Lab	69.6267, 31.2611, 16.2657

Details

The YIQ color $187.4760, 57.8580, 19.7300$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $224.5240, -57.8580, -19.7300$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.6180, 24.8030, 7.5470$, and $132.9100, 53.6400, 19.0800$ is the 20% darker color. If you saturate the color by 10%, you get $169.9510, 72.7580, 25.0300$, and if you desaturate by 10%, it is $205.1150, 42.6370, 14.7410$.

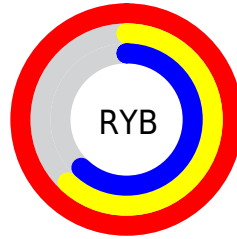
Distribution



Red (100%)

Green (62%)

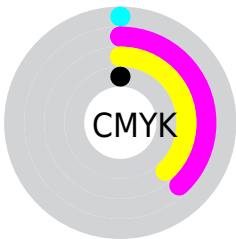
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

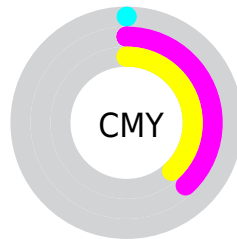


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.4760, 57.8580, 19.7300 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 187.4760, 57.8580, 19.7300 by changing the saturation by 10% instead.


 187.4760, 57.8580,
19.7300


 187.4760, 57.8580,
19.7300


255.0000, -0.0000,
-0.0000


 159.6930, 55.7490,
19.4050


 226.6180, 24.8030,
7.5470


 132.9100, 53.6400,
19.0800

 246.2460, 8.1150,
1.6110

 106.8280, 50.9350,
18.5430

 80.8600, 47.9090,
18.3170

 55.6040, 45.7540,
18.8260

 27.9290, 43.4610,
21.8370

 17.0430, 33.9720,

12.0840

■ 8.4860, 16.3670,
6.2470

■ 0.0000, 0.0000,
0.0000

■ 187.4760, 57.8580,
19.7300

■ 187.4760, 57.8580,
19.7300

■ 169.9510, 72.7580,
25.0300

■ 205.1150, 42.6370,
14.7410

■ 152.3120, 87.9790,
30.0190

■ 222.6400, 27.7370,
9.4410

■ 134.7870,
102.8790, 35.3190

■ 240.2790, 12.5160,
4.4520

■ 117.1480,
118.1000, 40.3080

■ 255.0000, -0.0000,
-0.0000

■ 99.6230, 133.0000,
45.6080

■ 81.9840, 148.2210,
50.5970

■ 79.1800, 150.6050,
51.4450

Harmonies

Analogous

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



189.4980, 43.5970, 30.3890



187.4760, 57.8580, 19.7300



185.5660, 56.9440, 3.2480

Triad

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



187.4760, 57.8580, 19.7300



174.5510, -18.9300, -31.3940



177.6650, -61.6680, 5.2760

Complementary

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



187.4760, 57.8580, 19.7300



224.5240, -57.8580, -19.7300

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.



162.6400, -96.0510, -15.8830



187.4760, 57.8580, 19.7300



166.8360, -59.2770, -32.5650

Square

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



187.4760, 57.8580, 19.7300



179.6770, 16.0060, -25.7700



157.4850, -97.6530, -30.9090



186.8060, -21.9200, 22.8160

Rectangle

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



187.4760, 57.8580, 19.7300



183.8110, 48.4640, -8.2720



157.4850, -97.6530, -30.9090



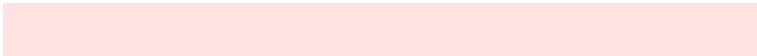
173.2180, -73.7710, -1.1550

Sweetspot

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



187.4760, 57.8580, 19.7300



233.8560, 18.2010, 6.0490



197.2460, 27.5920, 50.6320



115.3820, 10.7280, 3.8160



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.



187.4760, 57.8580, 19.7300



174.1570, 69.1820, 23.7580



216.2390, 44.3830, -5.8970



118.8870, 7.7480, 2.7560



59.4570, 112.7360, 38.4000



19.7230, 37.8690, 13.0450

Inverse Universe

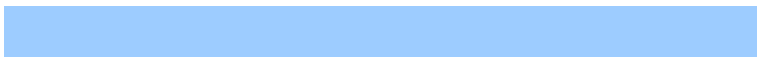
The Inverse Universe completely reimagines the original color for something new.



224.5240, -57.8580, -19.7300



218.8430, -69.1820, -23.7580



195.7610, -44.3830, 5.8970



123.5260, -7.4730, -2.2330



132.1300, -113.0110, -38.9230



44.2770, -37.8690, -13.0450

Previews

White Background



This preview shows how the YIQ color 187.4760, 57.8580, 19.7300 looks on a white background.

Color Contrast Check

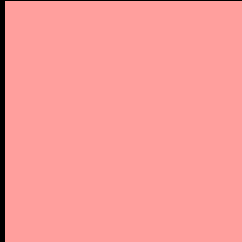
Large Text (above 18pt) WCAG AA × Fail

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 187.4760, 57.8580, 19.7300 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 187.4760, 57.8580, 19.7300

Background



This preview shows how black text looks on a background with the YIQ color 187.4760, 57.8580, 19.7300.



This preview shows how white text looks on a background with the YIQ color 187.4760, 57.8580,

19.7300.

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

187.4760, 57.8580, 19.7300

Protanopia

185.3830, 8.9870, -3.1810

Deuteranopia

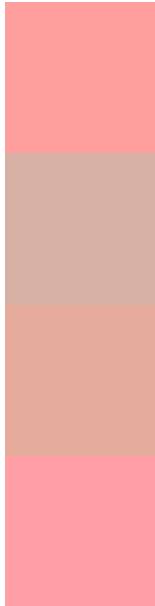
186.0280, 29.1600, 0.1680



Tritanopia

188.2570, 54.2810, 23.9850

Trichromacy



Original Color

187.4760, 57.8580, 19.7300

Protanomaly

186.4070, 26.7750, 4.8470

Deuteranomaly

186.5180, 39.7040, 7.3200

Tritanomaly

187.8010, 55.5650, 22.7410

Monochromacy



Original Color

187.4760, 57.8580, 19.7300

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.3510, 21.1810, 7.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.4760, 57.8580, 19.7300 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, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 157)  
}
```

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, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 157) }
```

Border

The CSS property to change the border of an element to YIQ 187.4760, 57.8580, 19.7300 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, 159, 157) }
```


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

```
.border{ border-color:rgb(255, 159, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 157); box-shadow:4px 4px 4px 4px rgb(255, 159, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 187.4760, 57.8580, 19.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 157) }
```

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

```
.background{ background-color: rgb(255,  
159, 157) }
```

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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