

Converting Colors

YIQ(186.0630, 57.5830, 19.2070)

Have a look what the booklet for
YIQ(186.0630, 57.5830, 19.2070)
contains.

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Color

**YIQ(186.0630, 57.5830,
19.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9E9B
RGB	253, 158, 155
RGB Percent	99%, 62%, 61%
CMY	0.0076, 0.3805, 0.3919
CMYK	0.00, 0.38, 0.39, 0.01
HSL	2°, 96%, 80%
HSV	2°, 39%, 99%
XYZ	58.6702, 47.7020, 37.1514
YIQ	186.0630, 57.5830, 19.2070

Conversions

Conversions Part 2

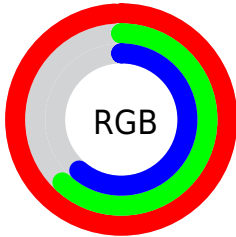
Format	Color
R _Y B	253, 158, 155
Decimal	16621211
CIE Lab	74.64, 35.05, 16.51
CIE LCh	75, 38.746, 25.228
Yxy	47.7020, 0.4088, 0.3324
Android (android.graphics.Color)	4294811291 (0xFFFD9E9B)
YUV	186.0630, -15.3141, 58.7037
Hunter-Lab	69.0666, 30.7642, 16.4541

Details

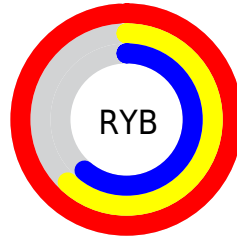
The YIQ color **186.0630, 57.5830, 19.2070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.9370, -57.5830, -19.2070**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6890, 26.0410, 7.1370**, and **131.4970, 53.3650, 18.5570** is the 20% darker color. If you saturate the color by 10%, you get **168.5380, 72.4830, 24.5070**, and if you desaturate by 10%, it is **203.5880, 42.6830, 13.9070**.

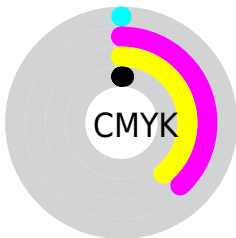
Distribution



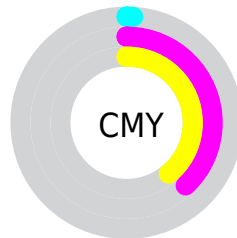
- Red (99%)
- Green (62%)
- Blue (61%)



- Red (99%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (39%)
- Black (1%)




- Cyan (1%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.0630, 57.5830, 19.2070 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 186.0630, 57.5830, 19.2070 by changing the saturation by 10% instead.

 186.0630, 57.5830,
19.2070


 186.0630, 57.5830,
19.2070


255.0000, -0.0000,
-0.0000


 158.2800, 55.4740,
18.8820


 225.1020, 26.3160,
7.6600


 131.4970, 53.3650,
18.5570

 245.4310, 9.0320,
1.5120

 105.4150, 50.6600,
18.0200

 79.7460, 48.2300,
18.0060

 54.3050, 45.1580,
18.6140

 26.8150, 43.7820,
21.5260

 16.7440, 33.3760,

11.8720

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 186.0630, 57.5830,
19.2070

■ 186.0630, 57.5830,
19.2070

■ 168.5380, 72.4830,
24.5070

■ 203.5880, 42.6830,
13.9070

■ 151.4860, 87.4290,
28.9730

■ 220.6400, 27.7370,
9.4410

■ 133.9610,
102.3290, 34.2730

■ 238.1650, 12.8370,
4.1410

■ 117.0230,
116.9540, 39.0500

254.4020, -1.1920,
-0.4240

■ 99.4980, 131.8540,
44.3500

■ 82.4460, 146.8000,
48.8160

■ 80.3430, 148.5880,
49.4520

Harmonies

Analogous

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



188.0850, 43.3220, 29.8660



186.0630, 57.5830, 19.2070



184.1530, 56.6690, 2.7250

Triad

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



186.0630, 57.5830, 19.2070



173.3660, -19.8470, -31.2950



176.6760, -60.2010, 6.2230

Complementary

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



186.0630, 57.5830, 19.2070



221.9370, -57.5830, -19.2070

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.



162.2380, -94.8590, -15.4590



186.0630, 57.5830, 19.2070



164.9500, -59.5980, -32.2540

Square

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



186.0630, 57.5830, 19.2070



178.1930, 14.4930, -25.8830



156.0120, -97.6990, -30.0750



185.9910, -21.0030, 22.7170

Rectangle

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



186.0630, 57.5830, 19.2070



182.5120, 47.8680, -8.4840



156.0120, -97.6990, -30.0750



171.9300, -72.9000, -0.4200

Sweetspot

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



186.0630, 57.5830, 19.2070



233.8560, 18.2010, 6.0490



195.2460, 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.



186.0630, 57.5830, 19.2070



174.7440, 68.9070, 23.2350



214.2390, 44.3830, -5.8970



118.8870, 7.7480, 2.7560



60.6310, 112.1860, 37.3540



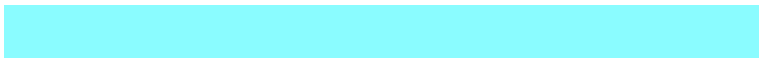
20.3100, 37.5940, 12.5220

Inverse Universe

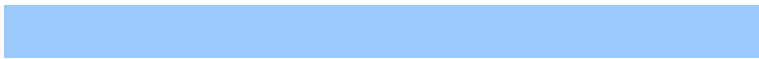
The Inverse Universe completely reimagines the original color for something new.



221.9370, -57.5830, -19.2070



218.2560, -68.9070, -23.2350



193.7610, -44.3830, 5.8970



123.5260, -7.4730, -2.2330



130.9560, -112.4610, -37.8770



43.6900, -37.5940, -12.5220

Previews

White Background



This preview shows how the YIQ color 186.0630, 57.5830, 19.2070 looks on a white background.

Color Contrast Check

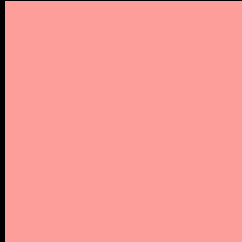
Large Text (above 18pt) WCAG AA × Fail

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 186.0630, 57.5830, 19.2070 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 186.0630, 57.5830, 19.2070

Background



This preview shows how black text looks on a background with the YIQ color 186.0630, 57.5830, 19.2070.



This preview shows how white text looks on a background with the YIQ color 186.0630, 57.5830,

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

186.0630, 57.5830, 19.2070

Protanopia

183.6820, 9.5830, -2.9690

Deuteranopia

184.9140, 29.4810, -0.1430



Tritanopia

186.6700, 54.5560, 24.5080

Trichromacy



Original Color

186.0630, 57.5830, 19.2070



Protanomaly

184.7060, 27.3710, 5.0590



Deuteranomaly

185.4040, 40.0250, 7.0090



Tritanomaly

186.6870, 55.8860, 22.4300

Monochromacy



Original Color

186.0630, 57.5830, 19.2070



Achromatopsia

186.0000, -0.0000, -0.0000



Achromatomaly

186.0520, 20.5850, 6.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.0630, 57.5830, 19.2070 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(253, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 158, 155)  
}
```

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(253, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 158, 155) }
```

Border

The CSS property to change the border of an element to YIQ 186.0630, 57.5830, 19.2070 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(253, 158, 155) }
```


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

```
.border{ border-color:rgb(253, 158, 155) }
```

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

Here you see how a box with a 4 pixel rgb(253, 158, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(253, 158,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 186.0630, 57.5830, 19.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 158, 155) }
```

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

```
.background{ background-color: rgb(253,  
158, 155) }
```

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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