

Converting Colors

YIQ(180.2040, 61.8000, 25.3840)

Have a look what the booklet for
YIQ(180.2040, 61.8000, 25.3840)
contains.

YIQ(180.2040, 61.8000, 25.3840)	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(180.2040, 61.8000,
25.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	FF939B
RGB	255, 147, 155
RGB Percent	100%, 58%, 61%
CMY	0.0000, 0.4237, 0.3919
CMYK	0.00, 0.42, 0.39, 0.00
HSL	355°, 100%, 79%
HSV	356°, 42%, 100%
XYZ	57.5882, 44.4819, 36.5878
YIQ	180.2040, 61.8000, 25.3840

Conversions

Conversions Part 2

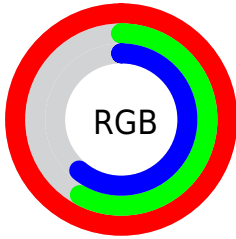
Format	Color
R _Y B	255, 147, 155
Decimal	16749467
CIE Lab	72.55, 41.41, 13.63
CIE LCh	73, 43.598, 18.213
Yxy	44.4819, 0.4153, 0.3208
Android (android.graphics.Color)	4294939547 (0xFFFF939B)
YUV	180.2040, -12.4256, 65.5961
Hunter-Lab	66.6948, 37.4115, 14.1607

Details

The YIQ color **180.2040, 61.8000, 25.3840** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.7960, -61.8000, -25.3840**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.6450, 29.3410, 13.4130**, and **125.3390, 56.9860, 24.5220** is the 20% darker color. If you saturate the color by 10%, you get **162.2060, 76.6540, 31.5180**, and if you desaturate by 10%, it is **197.6150, 47.2210, 19.7730**.

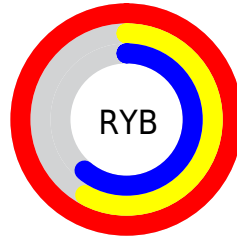
Distribution



Red (100%)

Green (58%)

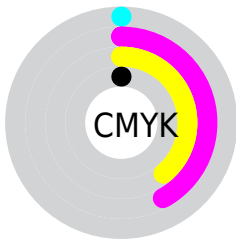
Blue (61%)



Red (100%)

Yellow (58%)

Blue (61%)

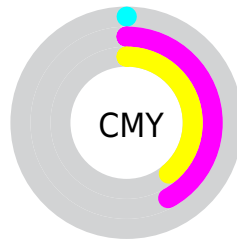


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.2040, 61.8000, 25.3840 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 180.2040, 61.8000, 25.3840 by changing the saturation by 10% instead.


 180.2040, 61.8000,
25.3840

 180.2040, 61.8000,
25.3840


255.0000, -0.0000,
-0.0000


 152.4210, 59.6910,
25.0590


 218.6450, 29.3410,
13.4130


 125.3390, 56.9860,
24.5220

 238.9740, 12.0570,
7.2650

 98.6700, 54.5560,
24.5080

 72.1150, 51.8050,
24.8050

 43.7390, 50.1080,
28.0280

 26.2280, 44.0570,
22.0490

 16.8580, 33.0550,

12.1830

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 180.2040, 61.8000,
25.3840

■ 180.2040, 61.8000,
25.3840

■ 162.2060, 76.6540,
31.5180

■ 197.6150, 47.2210,
19.7730

■ 144.9090, 90.9120,
37.4400

■ 215.4990, 32.6880,
13.3280

■ 126.9110,
105.7660, 43.5740

■ 232.9100, 18.1090,
7.7170

■ 109.6140,
120.0240, 49.4960

■ 250.7940, 3.5760,
1.2720

■ 91.6160, 134.8780, 255.0000, -0.0000,
55.6300 -0.0000

■ 78.4110, 145.8810,
59.9690

Harmonies

Analogous

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



182.3610, 42.7250, 35.1810



180.2040, 61.8000, 25.3840



178.2080, 64.0040, 7.4600

Triad

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



180.2040, 61.8000, 25.3840



167.3790, -12.6940, -34.2780



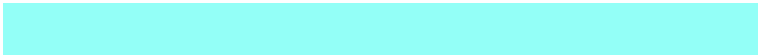
163.6560, -83.8120, -0.9000

Complementary

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



180.2040, 61.8000, 25.3840



221.7960, -61.8000, -25.3840

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.



141.3690, -129.3810, -28.5890



180.2040, 61.8000, 25.3840



157.4890, -59.9180, -37.4700

Square

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



180.2040, 61.8000, 25.3840



172.3420, 24.2590, -26.6610



139.8410, -119.5670, -41.2550



178.3360, -35.2160, 21.4880

Rectangle

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



180.2040, 61.8000, 25.3840



176.8830, 57.1290, -5.6150



139.8410, -119.5670, -41.2550



154.7950, -103.6170, -10.9210

Sweetspot

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



180.2040, 61.8000, 25.3840



232.0950, 19.0260, 7.6180



188.9130, 24.3360, 54.5760



113.5070, 11.8740, 5.0740



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.



180.2040, 61.8000, 25.3840



165.0100, 74.2700, 30.6700



205.7070, 51.9930, -0.6390



119.0010, 7.4270, 3.0670



58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Inverse Universe

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



180.2040, 61.8000, 25.3840



165.0100, 74.2700, 30.6700



196.2930, -51.9930, 0.6390



119.0010, 7.4270, 3.0670



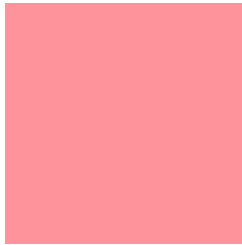
58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 180.2040, 61.8000, 25.3840 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 180.2040, 61.8000, 25.3840 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 180.2040, 61.8000, 25.3840

Background



This preview shows how black text looks on a background with the YIQ color 180.2040, 61.8000, 25.3840.



This preview shows how white text looks on a background with the YIQ color 180.2040, 61.8000,

25.3840.

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

180.2040, 61.8000, 25.3840

Protanopia

178.6970, 5.2270, -1.1170

Deuteranopia

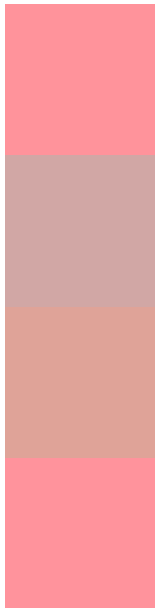
179.4730, 26.4090, 0.4650



Tritanopia

180.4320, 61.1580, 26.0060

Trichromacy



Original Color

180.2040, 61.8000, 25.3840

Protanomaly

179.3300, 25.6740, 8.2820

Deuteranomaly

179.6860, 39.2910, 9.2990

Tritanomaly

180.3180, 61.4790, 25.6950

Monochromacy



Original Color

180.2040, 61.8000, 25.3840

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.0030, 22.2810, 9.2010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.2040, 61.8000, 25.3840 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, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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(255, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 155) }
```

Border

The CSS property to change the border of an element to YIQ 180.2040, 61.8000, 25.3840 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, 147, 155) }
```


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

```
.border{ border-color:rgb(255, 147, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 180.2040, 61.8000, 25.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 155) }
```

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

```
.background{ background-color: rgb(255,  
147, 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](#).

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