

Converting Colors

YIQ(185.4800, 52.0350, 20.6350)

Have a look what the booklet for
YIQ(185.4800, 52.0350, 20.6350)
contains.

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Color

**YIQ(185.4800, 52.0350,
20.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	F89EA3
RGB	248, 158, 163
RGB Percent	97%, 62%, 64%
CMY	0.0272, 0.3805, 0.3606
CMYK	0.00, 0.36, 0.34, 0.03
HSL	357°, 87%, 80%
HSV	357°, 36%, 97%
XYZ	57.5669, 47.0536, 40.7228
YIQ	185.4800, 52.0350, 20.6350

Conversions

Conversions Part 2

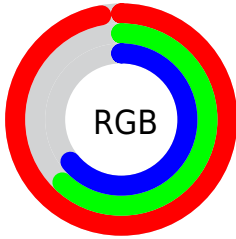
Format	Color
R _Y B	248, 158, 163
Decimal	16293539
CIE Lab	74.22, 34.14, 11.46
CIE LCh	74, 36.016, 18.556
Yxy	47.0536, 0.3961, 0.3237
Android (android.graphics.Color)	4294483619 (0xFFFF89EA3)
YUV	185.4800, -11.0826, 54.8300
Hunter-Lab	68.5956, 29.7587, 12.8186

Details

The YIQ color **185.4800, 52.0350, 20.6350** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **220.5200, -52.0350, -20.6350**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.1280, 23.4270, 10.4590**, and **130.8000, 48.1380, 19.6740** is the 20% darker color. If you saturate the color by 10%, you get **168.1830, 66.2930, 26.5570**, and if you desaturate by 10%, it is **202.7770, 37.7770, 14.7130**.

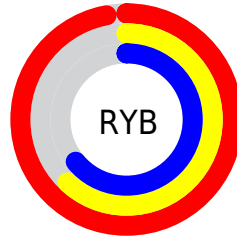
Distribution



Red (97%)

Green (62%)

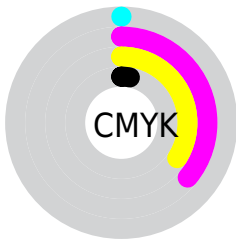
Blue (64%)



Red (97%)

Yellow (62%)

Blue (64%)

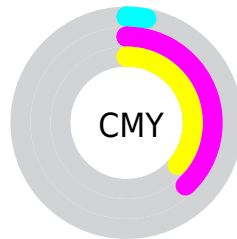


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (3%)



Cyan (3%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 185.4800, 52.0350, 20.6350 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 185.4800, 52.0350, 20.6350 by changing the saturation by 10% instead.


 185.4800, 52.0350,
20.6350

 185.4800, 52.0350,
20.6350


255.0000, -0.0000,
-0.0000


 157.6970, 49.9260,
20.3100


 226.1280, 23.4270,
10.4590


 130.8000, 48.1380,
19.6740

 246.3430, 6.4640,
4.0000

 105.0170, 46.0290,
19.3490

 79.3480, 43.5990,
19.3350

 54.6790, 41.1690,
19.3210

 27.8900, 39.1970,
22.0210

 16.1460, 32.1840,

11.4480

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 185.4800, 52.0350,
20.6350

■ 185.4800, 52.0350,
20.6350

■ 168.1830, 66.2930,
26.5570

■ 202.7770, 37.7770,
14.7130

■ 150.7720, 80.8720,
32.1680

■ 220.1880, 23.1980,
9.1020

■ 134.0620, 94.8550,
37.5670

■ 236.8980, 9.2150,
3.7030

■ 116.6510,
109.4340, 43.1780

■ 252.9070, -4.1720,
-1.4840

■ 99.3540, 123.6920,
49.1000

■ 82.0570, 137.9500,
55.0220

■ 75.7480, 143.3140,
56.9300

Harmonies

Analogous

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



187.2520, 35.4820, 28.7780



185.4800, 52.0350, 20.6350



183.5920, 54.0550, 6.0470

Triad

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



185.4800, 52.0350, 20.6350



173.8510, -10.9070, -28.1150



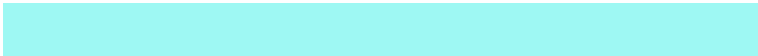
174.3720, -62.4010, 2.0390

Complementary

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



185.4800, 52.0350, 20.6350



220.5200, -52.0350, -20.6350

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.



163.2020, -86.0100, -16.1380



185.4800, 52.0350, 20.6350



168.2460, -45.7520, -29.8800

Square

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



185.4800, 52.0350, 20.6350



178.3510, 20.0400, -21.7840



161.3580, -78.1220, -26.9380



183.5340, -27.1460, 18.4060

Rectangle

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



185.4800, 52.0350, 20.6350



182.1470, 47.6380, -4.3140



161.3580, -78.1220, -26.9380



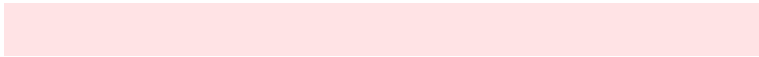
170.0070, -71.7990, -3.8550

Sweetspot

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



185.4800, 52.0350, 20.6350



235.6000, 16.0460, 6.5580



193.3760, 21.1740, 45.7980



116.1970, 9.8110, 3.9150



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.



185.4800, 52.0350, 20.6350



177.1720, 64.8260, 25.6100



207.8030, 42.9150, -1.3170



116.0010, 7.4270, 3.0670



57.7650, 109.1130, 43.4890



18.5810, 35.3930, 13.8650

Inverse Universe

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



185.4800, 52.0350, 20.6350



177.1720, 64.8260, 25.6100



198.1970, -42.9150, 1.3170



116.0010, 7.4270, 3.0670



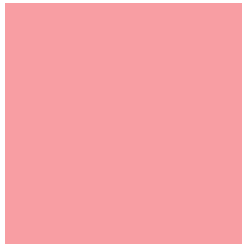
57.7650, 109.1130, 43.4890



18.5810, 35.3930, 13.8650

Previews

White Background



This preview shows how the YIQ color 185.4800, 52.0350, 20.6350 looks on a white background.

Color Contrast Check

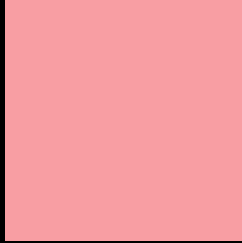
Large Text (above 18pt) WCAG AA × Fail

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 185.4800, 52.0350, 20.6350 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 185.4800, 52.0350, 20.6350

Background



This preview shows how black text looks on a background with the YIQ color 185.4800, 52.0350, 20.6350.



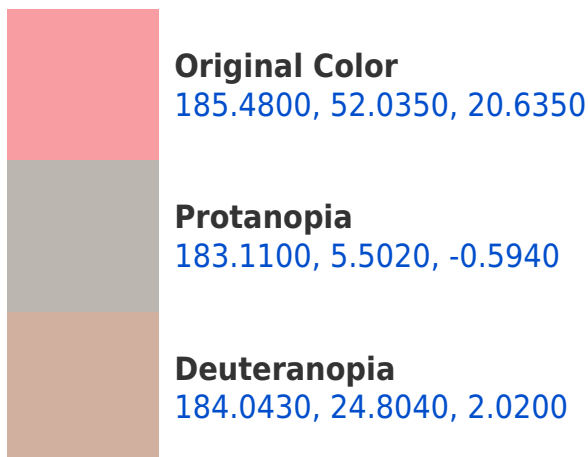
This preview shows how white text looks on a background with the YIQ color 185.4800, 52.0350,

20.6350.

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

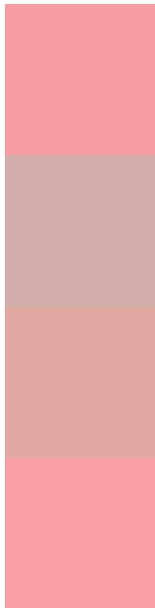




Tritanopia

185.8760, 50.9800, 23.2360

Trichromacy



Original Color

185.4800, 52.0350, 20.6350

Protanomaly

183.8350, 22.6940, 7.2220

Deuteranomaly

184.2340, 34.7520, 8.9600

Tritanomaly

185.6480, 51.6220, 22.6140

Monochromacy



Original Color

185.4800, 52.0350, 20.6350

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.0950, 19.0260, 7.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.4800, 52.0350, 20.6350 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(248, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(248, 158, 163)  
}
```

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(248, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 158, 163) }
```

Border

The CSS property to change the border of an element to YIQ 185.4800, 52.0350, 20.6350 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(248, 158, 163) }
```


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

```
.border{ border-color:rgb(248, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 158, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 158, 163); box-shadow:4px 4px 4px 4px rgb(248, 158, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 185.4800, 52.0350, 20.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 158, 163) }
```

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

```
.background{ background-color: rgb(248,  
158, 163) }
```

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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