

Converting Colors

YIQ(173.3620, 58.1790, 19.4190)

Have a look what the booklet for
YIQ(173.3620, 58.1790, 19.4190)
contains.

YIQ(173.3620, 58.1790, 19.4190)	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(173.3620, 58.1790,
19.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	F1918E
RGB	241, 145, 142
RGB Percent	95%, 57%, 56%
CMY	0.0547, 0.4315, 0.4429
CMYK	0.00, 0.40, 0.41, 0.05
HSL	2°, 78%, 75%
HSV	2°, 41%, 95%
XYZ	51.3015, 40.9042, 30.8060
YIQ	173.3620, 58.1790, 19.4190

Conversions

Conversions Part 2

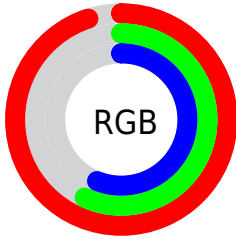
Format	Color
R _Y B	241, 145, 142
Decimal	15831438
CIE Lab	70.11, 35.94, 17.17
CIE LCh	70, 39.830, 25.530
Yxy	40.9042, 0.4170, 0.3325
Android (android.graphics.Color)	4294021518 (0xFFFF1918E)
YUV	173.3620, -15.4615, 59.3185
Hunter-Lab	63.9564, 31.2571, 16.2111

Details

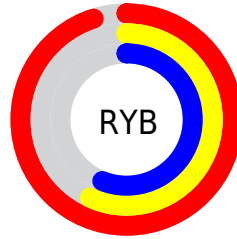
The YIQ color **173.3620, 58.1790, 19.4190** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **209.6380, -58.1790, -19.4190**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9890, 34.0640, 10.4160**, and **119.4970, 53.3650, 18.5570** is the 20% darker color. If you saturate the color by 10%, you get **157.1250, 72.2080, 23.9840**, and if you desaturate by 10%, it is **189.5990, 44.1500, 14.8540**.

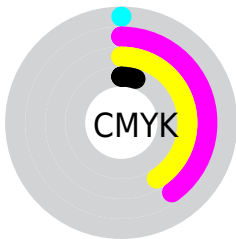
Distribution



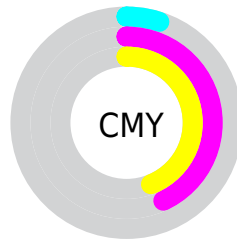
- Red (95%)
- Green (57%)
- Blue (56%)



- Red (95%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.3620, 58.1790, 19.4190 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 173.3620, 58.1790, 19.4190 by changing the saturation by 10% instead.


 173.3620, 58.1790,
19.4190


 173.3620, 58.1790,
19.4190


255.0000, -0.0000,
-0.0000


 146.1660, 55.7950,
18.5710


 215.9890, 34.0640,
10.4160


 119.4970, 53.3650,
18.5570


 235.6170, 17.3760,
4.4800

 93.4150, 50.6600,
18.0200

 254.6580, 0.9630,
-0.9330

 67.8600, 47.9090,
18.3170

 41.2450, 45.3870,
19.9710

 21.2290, 42.3160,
15.0520

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 173.3620, 58.1790,
19.4190

■ 173.3620, 58.1790,
19.4190

■ 157.1250, 72.2080,
23.9840

■ 189.5990, 44.1500,
14.8540

■ 140.3010, 86.5120,
29.0720

■ 206.4230, 29.8460,
9.7660

■ 124.0640,
100.5410, 33.6370

■ 222.6600, 15.8170,
5.2010

■ 107.2400,
114.8450, 38.7250

■ 239.4840, 1.5130,
0.1130

■ 91.0030, 128.8740,
43.2900

■ 250.8140, -8.3440,
-2.9680

■ 76.1680, 141.7110,
47.4310

Harmonies

Analogous

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



175.0960, 44.7890, 30.8130



173.3620, 58.1790, 19.4190



171.7400, 56.3940, 2.2020

Triad

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



173.3620, 58.1790, 19.4190



160.0670, -20.4430, -31.5070



163.5940, -62.9060, 5.6860

Complementary

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



173.3620, 58.1790, 19.4190



209.6380, -58.1790, -19.4190

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.



143.4750, -108.8880, -20.0240



173.3620, 58.1790, 19.4190



150.9710, -64.0910, -33.4270

Square

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



173.3620, 58.1790, 19.4190



165.7800, 14.2180, -26.4060



134.4440, -116.7710, -36.8590



173.2190, -21.6450, 23.3390

Rectangle

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



173.3620, 58.1790, 19.4190



169.9850, 47.9140, -9.3180



134.4440, -116.7710, -36.8590



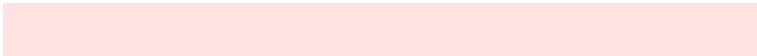
158.2500, -76.7970, -1.3810

Sweetspot

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



173.3620, 58.1790, 19.4190



233.8560, 18.2010, 6.0490



182.6590, 27.8670, 51.1550



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.



173.3620, 58.1790, 19.4190



169.7230, 73.4000, 24.4080



201.5380, 44.9790, -5.6850



111.5880, 7.1520, 2.5440



57.9510, 108.2890, 36.3930



17.9180, 32.8260, 10.8260

Inverse Universe

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



209.6380, -58.1790, -19.4190



215.2770, -73.4000, -24.4080



181.4620, -44.9790, 5.6850



115.8250, -6.8770, -2.0210



125.4620, -108.0140, -35.8700



38.0820, -32.8260, -10.8260

Previews

White Background



This preview shows how the YIQ color 173.3620, 58.1790, 19.4190 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 173.3620, 58.1790, 19.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

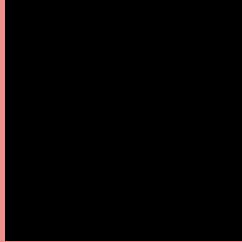
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 173.3620, 58.1790, 19.4190

Background



This preview shows how black text looks on a background with the YIQ color 173.3620, 58.1790, 19.4190.



This preview shows how white text looks on a background with the YIQ color 173.3620, 58.1790,

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

173.3620, 58.1790, 19.4190

Protanopia

171.5680, 9.9040, -3.2800

Deuteranopia

172.3870, 29.5270, -0.9770



Tritanopia

173.8550, 55.4730, 24.4090

Trichromacy



Original Color

173.3620, 58.1790, 19.4190

Protanomaly

172.5920, 27.6920, 4.7480

Deuteranomaly

172.8770, 40.0710, 6.1750

Tritanomaly

173.9860, 56.4820, 22.6420

Monochromacy



Original Color

173.3620, 58.1790, 19.4190

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.3510, 21.1810, 7.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3620, 58.1790, 19.4190 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(241, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(241, 145, 142)  
}
```

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(241, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 145, 142) }
```

Border

The CSS property to change the border of an element to YIQ 173.3620, 58.1790, 19.4190 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(241, 145, 142) }
```


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

```
.border{ border-color:rgb(241, 145, 142) }
```

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

Here you see how a box with a 4 pixel rgb(241, 145, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(241, 145,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3620, 58.1790, 19.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 145, 142) }
```

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

```
.background{ background-color: rgb(241,  
145, 142) }
```

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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