

Converting Colors

YIQ(190.1770, 48.0940, 9.4540)

Have a look what the booklet for
YIQ(190.1770, 48.0940, 9.4540)
contains.

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Color

**YIQ(190.1770, 48.0940,
9.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AB99
RGB	242, 171, 153
RGB Percent	95%, 67%, 60%
CMY	0.0508, 0.3295, 0.3998
CMYK	0.00, 0.29, 0.37, 0.05
HSL	12°, 77%, 77%
HSV	12°, 37%, 95%
XYZ	56.9431, 50.3005, 36.8674
YIQ	190.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

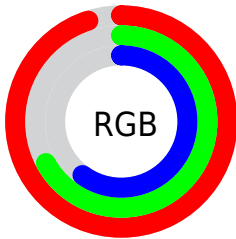
Format	Color
R _Y B	242, 176, 153
Decimal	15903641
CIE Lab	76.25, 23.86, 19.66
CIE LCh	76, 30.918, 39.483
Yxy	50.3005, 0.3951, 0.3490
Android (android.graphics.Color)	4294093721 (0xFFFF2AB99)
YUV	190.1770, -18.3283, 45.4488
Hunter-Lab	70.9229, 19.2005, 18.8257

Details

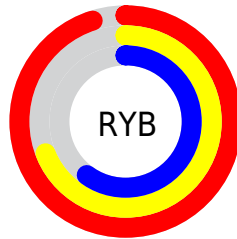
The YIQ color **190.1770, 48.0940, 9.4540** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.8230, -48.0940, -9.4540**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.0920, 23.1080, -0.2840**, and **135.9100, 44.4720, 9.0160** is the 20% darker color. If you saturate the color by 10%, you get **176.2880, 61.0230, 11.9270**, and if you desaturate by 10%, it is **204.0660, 35.1650, 6.9810**.

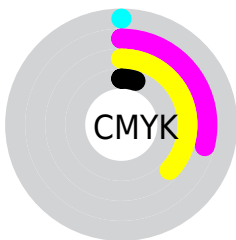
Distribution



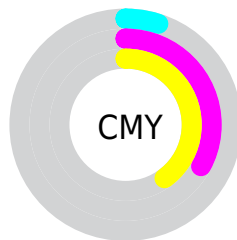
- Red (95%)
- Green (67%)
- Blue (60%)



- Red (95%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.1770, 48.0940, 9.4540 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 190.1770, 48.0940, 9.4540 by changing the saturation by 10% instead.


 190.1770, 48.0940,
9.4540

 190.1770, 48.0940,
9.4540


255.0000, -0.0000,
-0.0000


 162.6930, 46.5810,
9.3410


 233.0920, 23.1080,
-0.2840


 135.9100, 44.4720,
9.0160

 252.8340, 6.0990,
-5.9090

 110.1270, 42.3630,
8.6910

 85.0450, 39.6580,
8.1540

 60.9630, 36.9530,
7.6170

 37.2940, 34.5230,
7.6030

 15.5370, 29.5250,

10.0770

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 190.1770, 48.0940,
9.4540

■ 190.1770, 48.0940,
9.4540

■ 176.2880, 61.0230,
11.9270

■ 204.0660, 35.1650,
6.9810

■ 161.8120, 74.2270,
14.9230

■ 218.5420, 21.9610,
3.9850

■ 147.8090, 87.4770,
17.0850

■ 232.5450, 8.7110,
1.8230

■ 133.9200,
100.4060, 19.5580

■ 246.4340, -4.2180,
-0.6500

■ 119.4440,
113.6100, 22.5540

■ 251.1130, -7.7480,
-2.7560

■ 105.5550,
126.5390, 25.0270

■ 101.1210,
130.7570, 25.6770

Harmonies

Analogous

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



191.8040, 42.3150, 20.5790



190.1770, 48.0940, 9.4540



188.6240, 41.8610, -4.2430

Triad

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



190.1770, 48.0940, 9.4540



177.9770, -28.6970, -25.0890



187.5070, -31.6840, 12.5400

Complementary

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



190.1770, 48.0940, 9.4540



204.8230, -48.0940, -9.4540

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.



179.6020, -57.3570, -1.2690



190.1770, 48.0940, 9.4540



174.0850, -55.2440, -23.0520

Square

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



190.1770, 48.0940, 9.4540



182.1730, 0.0500, -22.9420



173.8960, -67.5330, -15.0930



191.9300, -1.8380, 22.3060

Rectangle

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



190.1770, 48.0940, 9.4540



186.6070, 31.3630, -12.2290



173.8960, -67.5330, -15.0930



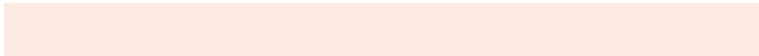
185.1960, -41.1740, 8.3140

Sweetspot

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



190.1770, 48.0940, 9.4540



238.8940, 15.0380, 2.7980



187.7050, 30.2530, 40.9490



117.8440, 9.3070, 2.0350



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.



190.1770, 48.0940, 9.4540



189.4020, 60.7020, 12.2380



216.0050, 35.9940, -13.5580



112.7620, 6.6020, 1.4980



76.7350, 99.4890, 19.6570



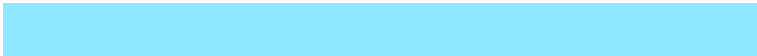
23.2010, 30.3510, 6.1190

Inverse Universe

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



204.8230, -48.0940, -9.4540



208.0110, -60.4270, -11.7150



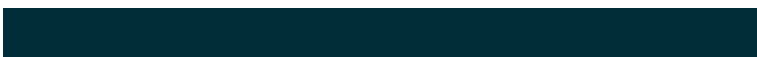
178.9950, -35.9940, 13.5580



114.6510, -6.3270, -0.9750



107.2650, -99.4890, -19.6570



32.7990, -30.3510, -6.1190

Previews

White Background



This preview shows how the YIQ color 190.1770, 48.0940, 9.4540 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 190.1770, 48.0940, 9.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

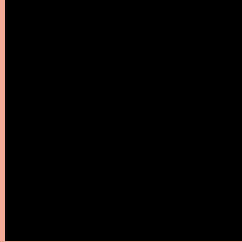
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.1770, 48.0940, 9.4540

Background



This preview shows how black text looks on a background with the YIQ color 190.1770, 48.0940, 9.4540.



This preview shows how white text looks on a background with the YIQ color 190.1770, 48.0940,

9.4540.

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

190.1770, 48.0940, 9.4540

Protanopia

187.9120, 14.6270, -6.2770

Deuteranopia

188.9420, 32.2780, -1.2740



Tritanopia

191.8040, 42.3150, 20.5790

Trichromacy



Original Color

190.1770, 48.0940, 9.4540

Protanomaly

188.8320, 26.7760, -0.6800

Deuteranomaly

189.1000, 37.8250, 2.8250

Tritanomaly

190.9520, 44.6540, 16.7340

Monochromacy



Original Color

190.1770, 48.0940, 9.4540

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0900, 17.4220, 3.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.1770, 48.0940, 9.4540 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(242, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(242, 171, 153)  
}
```

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(242, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 153) }
```

Border

The CSS property to change the border of an element to YIQ 190.1770, 48.0940, 9.4540 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(242, 171, 153) }
```


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

```
.border{ border-color:rgb(242, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(242, 171,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 190.1770, 48.0940, 9.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 171, 153) }
```

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

```
.background{ background-color: rgb(242,  
171, 153) }
```

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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