

Converting Colors

YIQ(190.9120, 50.1580, 5.0860)

Have a look what the booklet for
YIQ(190.9120, 50.1580, 5.0860)
contains.

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Color

**YIQ(190.9120, 50.1580,
5.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AE90
RGB	242, 174, 144
RGB Percent	95%, 68%, 56%
CMY	0.0508, 0.3177, 0.4351
CMYK	0.00, 0.28, 0.40, 0.05
HSL	18°, 79%, 76%
HSV	18°, 40%, 95%
XYZ	56.7994, 51.1601, 33.2895
YIQ	190.9120, 50.1580, 5.0860

Conversions

Conversions Part 2

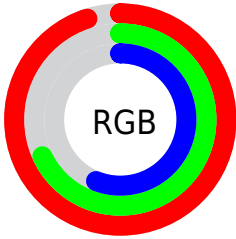
Format	Color
R _Y B	242, 187, 144
Decimal	15904400
CIE Lab	76.78, 21.26, 25.22
CIE LCh	77, 32.985, 49.880
Yxy	51.1601, 0.4021, 0.3622
Android (android.graphics.Color)	4294094480 (0xFFF2AE90)
YUV	190.9120, -23.1276, 44.8042
Hunter-Lab	71.5263, 16.5767, 22.4738

Details

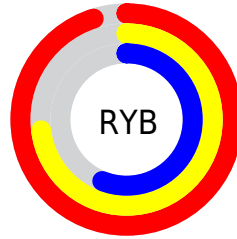
The YIQ color **190.9120, 50.1580, 5.0860** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **195.0880, -50.1580, -5.0860**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.8270, 25.1720, -4.6520**, and **136.6450, 46.5360, 4.6480** is the 20% darker color. If you saturate the color by 10%, you get **178.1970, 62.5370, 6.5130**, and if you desaturate by 10%, it is **203.6270, 37.7790, 3.6590**.

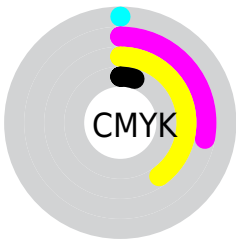
Distribution



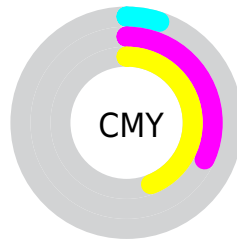
- Red (95%)
- Green (68%)
- Blue (56%)



- Red (95%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.9120, 50.1580, 5.0860 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 190.9120, 50.1580, 5.0860 by changing the saturation by 10% instead.


 190.9120, 50.1580,
5.0860

 190.9120, 50.1580,
5.0860


255.0000, -0.0000,
-0.0000


 163.4280, 48.6450,
4.9730


 233.8270, 25.1720,
-4.6520


 136.6450, 46.5360,
4.6480

 251.6940, 9.3090,
-9.0190

 110.6770, 43.5100,
4.4220

 85.8940, 41.4010,
4.0970

 61.8120, 38.6960,
3.5600

 38.2740, 37.2750,
1.7790

 17.5860, 27.8290,

7.7730

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 190.9120, 50.1580,
5.0860

■ 190.9120, 50.1580,
5.0860

■ 178.1970, 62.5370,
6.5130

■ 203.6270, 37.7790,
3.6590

■ 165.4820, 74.9160,
7.9400

■ 216.3420, 25.4000,
2.2320

■ 153.2400, 87.3410,
8.5330

■ 228.5840, 12.9750,
1.6390

■ 140.5250, 99.7200,
9.9600

■ 241.2990, 0.5960,
0.2120

■ 127.8100,
112.0990, 11.3870

■ 251.1130, -7.7480,
-2.7560

■ 115.7960,
123.8820, 12.6020

Harmonies

Analogous

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



192.4580, 49.1010, 18.7410



190.9120, 50.1580, 5.0860



188.6080, 38.7900, -9.1620

Triad

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



190.9120, 50.1580, 5.0860



177.0940, -42.2680, -26.9400



190.2740, -23.4780, 18.0100

Complementary

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



190.9120, 50.1580, 5.0860



195.0880, -50.1580, -5.0860

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.



183.5040, -53.9650, 3.3390



190.9120, 50.1580, 5.0860



172.5550, -68.3110, -23.0230

Square

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



190.9120, 50.1580, 5.0860



181.3180, -10.7240, -25.9240



174.9540, -73.4480, -12.5200



194.0130, 8.2940, 25.9100

Rectangle

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



190.9120, 50.1580, 5.0860



186.9220, 25.8620, -17.1620



174.9540, -73.4480, -12.5200



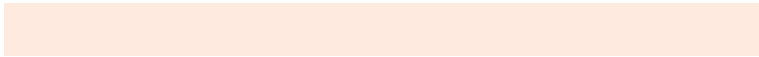
188.3650, -34.1600, 13.3600

Sweetspot

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



190.9120, 50.1580, 5.0860



239.1390, 15.7260, 1.3420



181.1680, 36.2590, 42.2350



118.3170, 9.3530, 1.2010



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.



190.9120, 50.1580, 5.0860



189.6810, 64.0500, 6.6260



219.0880, 36.9580, -20.0180



113.9360, 6.0520, 0.4520



87.8880, 94.2640, 9.7200



26.7230, 28.7010, 2.9810

Inverse Universe

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



195.0880, -50.1580, -5.0860



195.3190, -64.0500, -6.6260



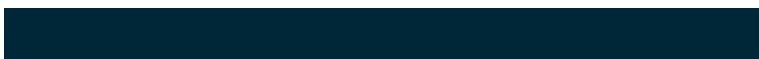
166.9120, -36.9580, 20.0180



114.0640, -6.0520, -0.4520



96.1120, -94.2640, -9.7200



29.2770, -28.7010, -2.9810

Previews

White Background



This preview shows how the YIQ color 190.9120, 50.1580, 5.0860 looks on a white background.

Color Contrast Check

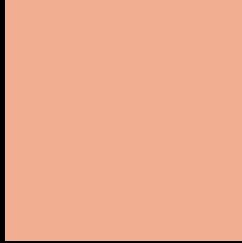
Large Text (above 18pt) WCAG AA × Fail

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 190.9120, 50.1580, 5.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

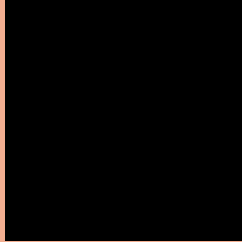
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.9120, 50.1580, 5.0860

Background



This preview shows how black text looks on a background with the YIQ color 190.9120, 50.1580, 5.0860.



This preview shows how white text looks on a background with the YIQ color 190.9120, 50.1580,

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

190.9120, 50.1580, 5.0860

Protanopia

189.1420, 19.6710, -9.5850

Deuteranopia

190.1120, 37.5510, -3.2250



Tritanopia

193.5050, 41.7190, 20.3670

Trichromacy



Original Color

190.9120, 50.1580, 5.0860

Protanomaly

189.7630, 31.2240, -4.2000

Deuteranomaly

190.4440, 42.5480, -0.1720

Tritanomaly

192.7840, 45.0670, 14.7550

Monochromacy



Original Color

190.9120, 50.1580, 5.0860

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.2210, 18.4310, 1.8790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.9120, 50.1580, 5.0860 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, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 144)  
}
```

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, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 144) }
```

Border

The CSS property to change the border of an element to YIQ 190.9120, 50.1580, 5.0860 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, 174, 144) }
```


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

```
.border{ border-color:rgb(242, 174, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 174, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 190.9120, 50.1580, 5.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 144) }
```

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

```
.background{ background-color: rgb(242,  
174, 144) }
```

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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