

Converting Colors

YIQ(190.8520, 50.3870, 6.4430)

Have a look what the booklet for
YIQ(190.8520, 50.3870, 6.4430)
contains.

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Color

**YIQ(190.8520, 50.3870,
6.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AD92
RGB	243, 173, 146
RGB Percent	95%, 68%, 57%
CMY	0.0469, 0.3217, 0.4272
CMYK	0.00, 0.29, 0.40, 0.05
HSL	17°, 80%, 76%
HSV	17°, 40%, 95%
XYZ	57.1059, 51.0144, 34.0541
YIQ	190.8520, 50.3870, 6.4430

Conversions

Conversions Part 2

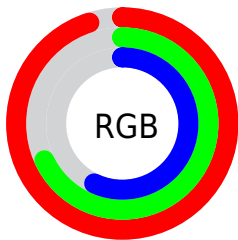
Format	Color
R _Y B	243, 183, 146
Decimal	15969682
CIE Lab	76.69, 22.39, 24.05
CIE LCh	77, 32.859, 47.043
Yxy	51.0144, 0.4017, 0.3588
Android (android.graphics.Color)	4294159762 (0xFFFF3AD92)
YUV	190.8520, -22.1120, 45.7338
Hunter-Lab	71.4244, 17.7235, 21.7285

Details

The YIQ color **190.8520, 50.3870, 6.4430** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **198.1480, -50.3870, -6.4430**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.4680, 24.8050, -3.5070**, and **136.5850, 46.7650, 6.0050** is the 20% darker color. If you saturate the color by 10%, you get **177.5500, 63.0410, 8.3930**, and if you desaturate by 10%, it is **204.1540, 37.7330, 4.4930**.

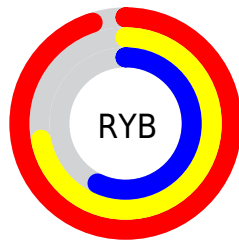
Distribution



Red (95%)

Green (68%)

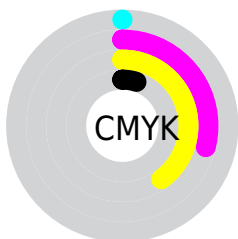
Blue (57%)



Red (95%)

Yellow (72%)

Blue (57%)

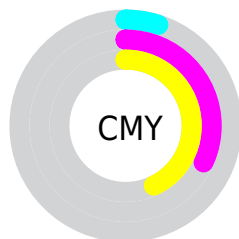


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (5%)



Cyan (5%)


Magenta (32%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.8520, 50.3870, 6.4430 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 190.8520, 50.3870, 6.4430 by changing the saturation by 10% instead.


 190.8520, 50.3870,
6.4430


 190.8520, 50.3870,
6.4430


255.0000, -0.0000,
-0.0000


 163.3680, 48.8740,
6.3300


 233.4680, 24.8050,
-3.5070


 136.5850, 46.7650,
6.0050

 251.9220, 8.6670,
-8.3970

 110.5030, 44.0600,
5.4680

 85.8340, 41.6300,
5.4540

 61.7520, 38.9250,
4.9170

 38.0290, 36.5870,
3.2350

 17.2980, 28.7000,

8.5080

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 190.8520, 50.3870,
6.4430

■ 190.8520, 50.3870,
6.4430

■ 177.5500, 63.0410,
8.3930

■ 204.1540, 37.7330,
4.4930

■ 164.7210, 75.7410,
9.5090

■ 216.9830, 25.0330,
3.3770

■ 151.4190, 88.3950,
11.4590

■ 230.2850, 12.3790,
1.4270

■ 138.7040,
100.7740, 12.8860

■ 243.0000, 0.0000,
-0.0000

■ 125.4020,
113.4280, 14.8360

■ 251.4120, -7.1520,
-2.5440

■ 112.5730,
126.1280, 15.9520

■ 111.9860,
126.4030, 16.4750

Harmonies

Analogous

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



192.5010, 47.5420, 19.4620



190.8520, 50.3870, 6.4430



188.6190, 40.2570, -8.2150

Triad

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



190.8520, 50.3870, 6.4430



177.0620, -39.2420, -26.7140



189.6650, -26.1370, 16.6390

Complementary

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



190.8520, 50.3870, 6.4430



198.1480, -50.3870, -6.4430

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.



182.1940, -56.0280, 2.1800



190.8520, 50.3870, 6.4430



172.8110, -66.1560, -23.5320

Square

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



190.8520, 50.3870, 6.4430



181.9870, -8.2940, -25.9100



174.1280, -73.9980, -13.5660



193.3440, 5.8640, 25.8960

Rectangle

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



190.8520, 50.3870, 6.4430



186.9330, 27.3290, -16.2150



174.1280, -73.9980, -13.5660



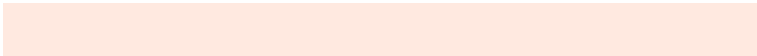
187.7560, -36.8190, 11.9890

Sweetspot

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



190.8520, 50.3870, 6.4430



238.5520, 16.0010, 1.8650



183.0970, 35.0210, 42.6450



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.



190.8520, 50.3870, 6.4430



189.4360, 63.3620, 8.0820



218.4410, 37.4620, -18.1380



115.9360, 6.0520, 0.4520



86.1380, 96.5560, 12.2360



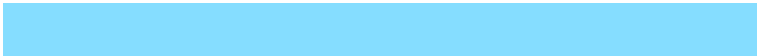
27.0330, 30.7640, 4.1400

Inverse Universe

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



198.1480, -50.3870, -6.4430



198.5640, -63.3620, -8.0820



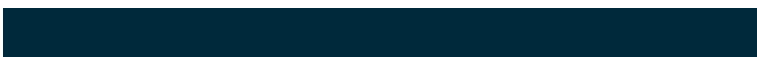
170.5590, -37.4620, 18.1380



116.6510, -6.3270, -0.9750



99.8620, -96.5560, -12.2360



31.3800, -30.4890, -3.6170

Previews

White Background



This preview shows how the YIQ color 190.8520, 50.3870, 6.4430 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 190.8520, 50.3870, 6.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

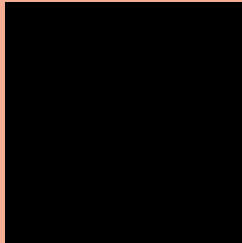
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.8520, 50.3870, 6.4430

Background



This preview shows how black text looks on a background with the YIQ color 190.8520, 50.3870, 6.4430.



This preview shows how white text looks on a background with the YIQ color 190.8520, 50.3870,

6.4430.

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

190.8520, 50.3870, 6.4430

Protanopia

188.5980, 18.3870, -8.3410

Deuteranopia

189.9270, 36.6340, -3.1260



Tritanopia

192.8040, 42.3150, 20.5790

Trichromacy



Original Color

190.8520, 50.3870, 6.4430

Protanomaly

189.2190, 29.9400, -2.9560

Deuteranomaly

190.3730, 41.3100, 0.2380

Tritanomaly

192.1970, 45.3420, 15.2780

Monochromacy



Original Color

190.8520, 50.3870, 6.4430

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.7480, 18.3850, 2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.8520, 50.3870, 6.4430 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(243, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(243, 173, 146)  
}
```

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(243, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 173, 146) }
```

Border

The CSS property to change the border of an element to YIQ 190.8520, 50.3870, 6.4430 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(243, 173, 146) }
```


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

```
.border{ border-color:rgb(243, 173, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 173, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(243, 173,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 190.8520, 50.3870, 6.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 173, 146) }
```

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

```
.background{ background-color: rgb(243,  
173, 146) }
```

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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