

Converting Colors

YIQ(193.8040, 50.3420, 1.7500)

Have a look what the booklet for
YIQ(193.8040, 50.3420, 1.7500)
contains.

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Color

**YIQ(193.8040, 50.3420,
1.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B38D
RGB	243, 179, 141
RGB Percent	95%, 70%, 55%
CMY	0.0469, 0.2981, 0.4468
CMYK	0.00, 0.26, 0.42, 0.05
HSL	22°, 81%, 75%
HSV	22°, 42%, 95%
XYZ	57.9002, 53.2147, 32.4419
YIQ	193.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

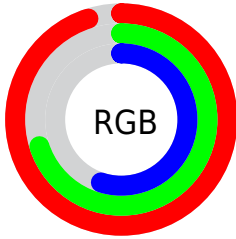
Format	Color
R _Y B	243, 202, 141
Decimal	15971213
CIE Lab	78.00, 18.68, 28.49
CIE LCh	78, 34.066, 56.755
Yxy	53.2147, 0.4033, 0.3707
Android (android.graphics.Color)	4294161293 (0xFFFF3B38D)
YUV	193.8040, -26.0324, 43.1449
Hunter-Lab	72.9484, 14.0183, 24.6962

Details

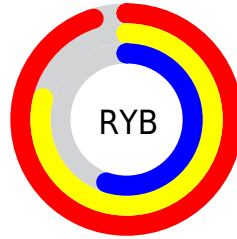
The YIQ color **193.8040, 50.3420, 1.7500** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **190.1960, -50.3420, -1.7500**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4200, 24.7600, -8.2000**, and **139.5370, 46.7200, 1.3120** is the 20% darker color. If you saturate the color by 10%, you get **182.2630, 62.1710, 2.1310**, and if you desaturate by 10%, it is **205.3450, 38.5130, 1.3690**.

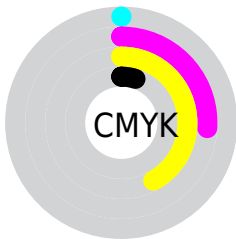
Distribution



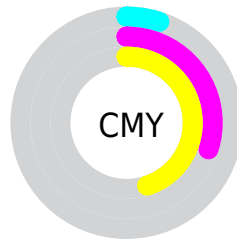
- Red (95%)
- Green (70%)
- Blue (55%)



- Red (95%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.8040, 50.3420, 1.7500 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 193.8040, 50.3420, 1.7500 by changing the saturation by 10% instead.


 193.8040, 50.3420,
1.7500


 193.8040, 50.3420,
1.7500


255.0000, -0.0000,
-0.0000


 166.3200, 48.8290,
1.6370


 236.4200, 24.7600,
-8.2000


 139.5370, 46.7200,
1.3120


 251.3520, 10.2720,
-9.9520

 113.5690, 43.6940,
1.0860

 254.6580, 0.9630,
-0.9330

 88.7860, 41.5850,
0.7610

 64.7040, 38.8800,
0.2240

 41.5080, 36.4960,
-0.6240

 21.1080, 26.1790,

4.6350

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 193.8040, 50.3420,
1.7500

■ 193.8040, 50.3420,
1.7500

■ 182.2630, 62.1710,
2.1310

■ 205.3450, 38.5130,
1.3690

■ 170.0210, 74.5960,
2.7240

■ 217.5870, 26.0880,
0.7760

■ 158.4800, 86.4250,
3.1050

■ 229.1280, 14.2590,
0.3950

■ 146.9390, 98.2540,
3.4860

■ 240.6690, 2.4300,
0.0140

■ 135.3980,
110.0830, 3.8670

■ 251.4120, -7.1520,
-2.5440

■ 125.4870,
120.0780, 4.4460

Harmonies

Analogous

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



195.5460, 51.6690, 16.2530



193.8040, 50.3420, 1.7500



191.5320, 35.9480, -12.7240

Triad

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



193.8040, 50.3420, 1.7500



178.1900, -51.3460, -27.6180



195.2750, -16.0510, 21.0770

Complementary

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



193.8040, 50.3420, 1.7500



190.1960, -50.3420, -1.7500

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.



188.3630, -49.0140, 7.2260



193.8040, 50.3420, 1.7500



174.9610, -75.3260, -22.5420

Square

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



193.8040, 50.3420, 1.7500



183.9580, -18.5180, -27.8460



179.0620, -73.6320, -9.1840



197.4870, 15.7670, 28.1430

Rectangle

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



193.8040, 50.3420, 1.7500



189.5900, 20.8650, -20.2150



179.0620, -73.6320, -9.1840



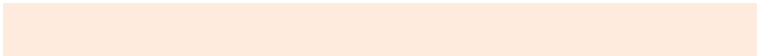
193.2950, -27.9710, 16.8370

Sweetspot

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



193.8040, 50.3420, 1.7500



238.9110, 16.3680, 0.7200



178.9080, 39.9270, 41.8390



117.9750, 10.3160, 0.2680



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.



193.8040, 50.3420, 1.7500



193.5620, 62.7670, 2.3430



223.1540, 36.5920, -24.4000



116.5230, 5.7770, -0.0710



96.1170, 91.8810, 3.3450



30.5550, 29.1140, 1.0020

Inverse Universe

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



190.1960, -50.3420, -1.7500



189.4380, -62.7670, -2.3430



160.8460, -36.5920, 24.4000



116.0640, -6.0520, -0.4520



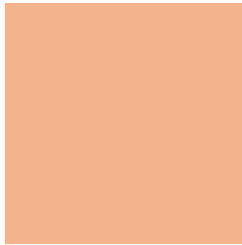
89.8830, -91.8810, -3.3450



28.4450, -29.1140, -1.0020

Previews

White Background



This preview shows how the YIQ color 193.8040, 50.3420, 1.7500 looks on a white background.

Color Contrast Check

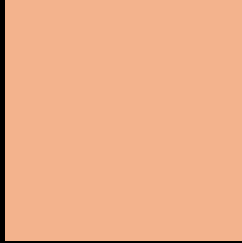
Large Text (above 18pt) WCAG AA × Fail

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 193.8040, 50.3420, 1.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

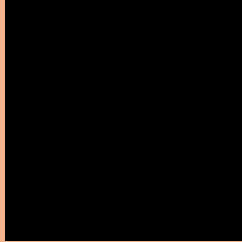
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.8040, 50.3420, 1.7500

Background



This preview shows how black text looks on a background with the YIQ color 193.8040, 50.3420, 1.7500.



This preview shows how white text looks on a background with the YIQ color 193.8040, 50.3420,

1.7500.

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

193.8040, 50.3420, 1.7500

Protanopia

191.9420, 23.1100, -11.3380

Deuteranopia

193.0260, 40.6690, -4.6670



Tritanopia

196.6080, 39.9310, 19.7310

Trichromacy



Original Color

193.8040, 50.3420, 1.7500

Protanomaly

192.6660, 32.8750, -6.5890

Deuteranomaly

193.3470, 44.1990, -2.5610

Tritanomaly

195.6590, 43.9210, 13.4970

Monochromacy



Original Color

193.8040, 50.3420, 1.7500

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.2810, 18.2020, 0.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.8040, 50.3420, 1.7500 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, 179, 141)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 141)  
}
```

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, 179, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 141) }
```

Border

The CSS property to change the border of an element to YIQ 193.8040, 50.3420, 1.7500 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, 179, 141) }
```


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

```
.border{ border-color:rgb(243, 179, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 179, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 141);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 193.8040, 50.3420, 1.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 141) }
```

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

```
.background{ background-color: rgb(243,  
179, 141) }
```

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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