

Converting Colors

YIQ(199.0080, 41.0800, 4.4080)

Have a look what the booklet for
YIQ(199.0080, 41.0800, 4.4080)
contains.

YIQ(199.0080, 41.0800, 4.4080)	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(199.0080, 41.0800,
4.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B9A1
RGB	241, 185, 161
RGB Percent	95%, 73%, 63%
CMY	0.0548, 0.2746, 0.3684
CMYK	0.00, 0.23, 0.33, 0.05
HSL	18°, 74%, 79%
HSV	18°, 33%, 95%
XYZ	60.0671, 55.9690, 41.3768
YIQ	199.0080, 41.0800, 4.4080

Conversions

Conversions Part 2

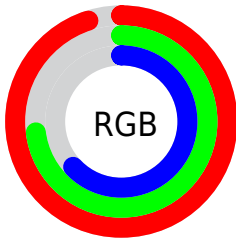
Format	Color
R _Y B	241, 195, 161
Decimal	15841697
CIE Lab	79.60, 17.03, 19.96
CIE LCh	80, 26.232, 49.531
Yxy	55.9690, 0.3816, 0.3556
Android (android.graphics.Color)	4294031777 (0xFFFF1B9A1)
YUV	199.0080, -18.7379, 36.8270
Hunter-Lab	74.8124, 12.3963, 19.5769

Details

The YIQ color **199.0080, 41.0800, 4.4080** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **202.9920, -41.0800, -4.4080**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.3360, 16.3690, -4.8070**, and **144.6270, 37.7790, 3.6590** is the 20% darker color. If you saturate the color by 10%, you get **186.2930, 53.4590, 5.8350**, and if you desaturate by 10%, it is **211.7230, 28.7010, 2.9810**.

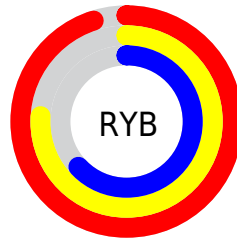
Distribution



Red (95%)

Green (73%)

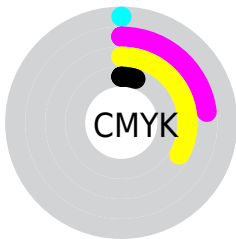
Blue (63%)



Red (95%)

Yellow (76%)

Blue (63%)

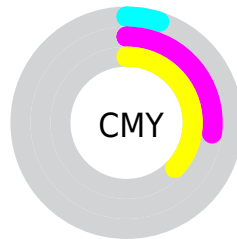


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (5%)



Cyan (5%)


Magenta (27%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.0080, 41.0800, 4.4080 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 199.0080, 41.0800, 4.4080 by changing the saturation by 10% instead.


 199.0080, 41.0800,
4.4080


 199.0080, 41.0800,
4.4080


255.0000, -0.0000,
-0.0000


 171.5240, 39.5670,
4.2950


 242.3360, 16.3690,
-4.8070


 144.9260, 38.3750,
3.8710

 253.7460, 3.5310,
-3.4210

 118.5560, 36.5410,
4.0690

 93.7730, 34.4320,
3.7440

 69.6910, 31.7270,
3.2070

 46.6090, 29.0220,
2.6700

 24.3530, 26.8670,

3.1790

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 199.0080, 41.0800,
4.4080

■ 199.0080, 41.0800,
4.4080

■ 186.2930, 53.4590,
5.8350

■ 211.7230, 28.7010,
2.9810

■ 173.5780, 65.8380,
7.2620

■ 224.4380, 16.3220,
1.5540

■ 160.8630, 78.2170,
8.6890

■ 237.1530, 3.9430,
0.1270

■ 148.1480, 90.5960,
10.1160

■ 249.6400, -7.7940,
-1.9220

■ 136.0200,
102.7000, 11.0200

■ 250.8140, -8.3440,
-2.9680

■ 123.1910,
115.4000, 12.1360

■ 114.3230,
123.8360, 13.4360

Harmonies

Analogous

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



200.5600, 39.8860, 15.0380



199.0080, 41.0800, 4.4080



197.3670, 32.2790, -6.8010

Triad

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



199.0080, 41.0800, 4.4080



188.6440, -31.9530, -21.1450



198.3900, -18.1130, 14.3910

Complementary

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



199.0080, 41.0800, 4.4080



202.9920, -41.0800, -4.4080

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.



193.1480, -41.2190, 3.6210



199.0080, 41.0800, 4.4080



186.4110, -50.1100, -16.9740

Square

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



199.0080, 41.0800, 4.4080



191.4480, -7.9740, -20.6940



188.2400, -53.6420, -8.0260



201.0680, 6.4610, 20.5810

Rectangle

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



199.0080, 41.0800, 4.4080



195.4040, 21.6890, -13.1190



188.2400, -53.6420, -8.0260



197.0900, -26.1360, 11.1120

Sweetspot

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



199.0080, 41.0800, 4.4080



241.5840, 12.9750, 1.6390



191.4180, 29.3830, 34.6870



119.7190, 8.1610, 0.7770



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.



199.0080, 41.0800, 4.4080



201.6950, 52.2670, 5.4110



221.9010, 30.3550, -15.9890



113.3490, 6.3270, 0.9750



87.3010, 94.5390, 10.2430



26.7230, 28.7010, 2.9810

Inverse Universe

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



202.9920, -41.0800, -4.4080



206.3050, -52.2670, -5.4110



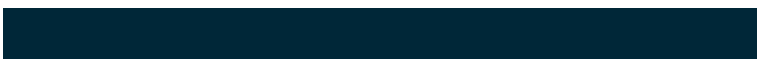
180.0990, -30.3550, 15.9890



114.0640, -6.0520, -0.4520



96.6990, -94.5390, -10.2430



29.2770, -28.7010, -2.9810

Previews

White Background



This preview shows how the YIQ color 199.0080, 41.0800, 4.4080 looks on a white background.

Color Contrast Check

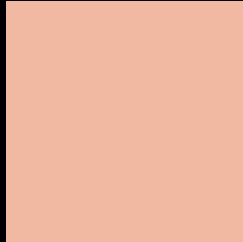
Large Text (above 18pt) WCAG AA × Fail

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 199.0080, 41.0800, 4.4080 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 199.0080, 41.0800, 4.4080

Background



This preview shows how black text looks on a background with the YIQ color 199.0080, 41.0800, 4.4080.



This preview shows how white text looks on a background with the YIQ color 199.0080, 41.0800,

4.4080.

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

199.0080, 41.0800, 4.4080

Protanopia

196.8690, 16.1860, -6.9980

Deuteranopia

198.5400, 33.4700, -0.8500



Tritanopia

200.7320, 33.6500, 17.9220

Trichromacy



Original Color

199.0080, 41.0800, 4.4080

Protanomaly

197.8810, 25.0800, -2.9840

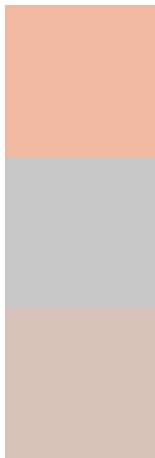
Deuteranomaly

198.5620, 36.4040, 1.0440

Tritanomaly

200.2390, 36.3560, 12.9320

Monochromacy



Original Color

199.0080, 41.0800, 4.4080

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.9540, 14.8090, 1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0080, 41.0800, 4.4080 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, 185, 161)` looks like.

```
.text, #text, p{  
    color:rgb(241, 185, 161)  
}
```

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, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 185, 161) }
```

Border

The CSS property to change the border of an element to YIQ 199.0080, 41.0800, 4.4080 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, 185, 161) }
```


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

```
.border{ border-color:rgb(241, 185, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 185, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 185, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 185, 161);  
box-shadow:4px 4px 4px 4px rgb(241, 185,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0080, 41.0800, 4.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 185, 161) }
```

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

```
.background{ background-color: rgb(241,  
185, 161) }
```

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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