

Converting Colors

YIQ(194.7090, 40.4840, 4.1960)

Have a look what the booklet for
YIQ(194.7090, 40.4840, 4.1960)
contains.

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Color

**YIQ(194.7090, 40.4840,
4.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB59D
RGB	236, 181, 157
RGB Percent	93%, 71%, 62%
CMY	0.0744, 0.2903, 0.3841
CMYK	0.00, 0.23, 0.33, 0.07
HSL	18°, 68%, 77%
HSV	18°, 33%, 93%
XYZ	57.2108, 53.3121, 39.1937
YIQ	194.7090, 40.4840, 4.1960

Conversions

Conversions Part 2

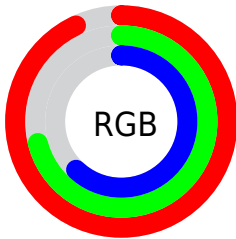
Format	Color
R_{YB}	236, 191, 157
Decimal	15512989
CIE _{Lab}	78.06, 16.74, 19.90
CIE _{LCh}	78, 26.004, 49.930
Yxy	53.3121, 0.3821, 0.3561
Android (android.graphics.Color)	4293703069 (0xFFECB59D)
YUV	194.7090, -18.5905, 36.2122
Hunter-Lab	73.0152, 12.0865, 19.2844

Details

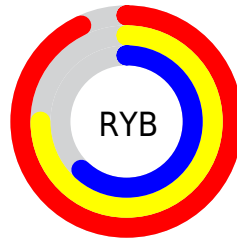
The YIQ color **194.7090, 40.4840, 4.1960** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **198.2910, -40.4840, -4.1960**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5320, 18.7530, -3.9590**, and **140.7410, 37.4580, 3.9700** is the 20% darker color. If you saturate the color by 10%, you get **182.5810, 52.5880, 5.1000**, and if you desaturate by 10%, it is **206.8370, 28.3800, 3.2920**.

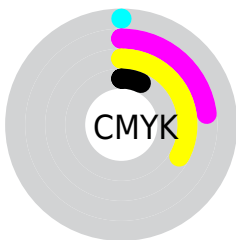
Distribution



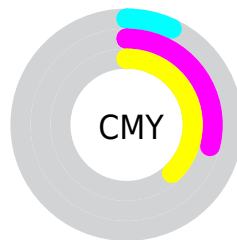
- Red (93%)
- Green (71%)
- Blue (62%)



- Red (93%)
- Yellow (75%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.7090, 40.4840, 4.1960 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 194.7090, 40.4840, 4.1960 by changing the saturation by 10% instead.


 194.7090, 40.4840,
4.1960

 194.7090, 40.4840,
4.1960


255.0000, -0.0000,
-0.0000


 167.2250, 38.9710,
4.0830


 239.5320, 18.7530,
-3.9590


 140.7410, 37.4580,
3.9700

 253.2900, 4.8150,
-4.6650

 114.8440, 35.6700,
3.3340

 90.0610, 33.5610,
3.0090

 65.6910, 31.7270,
3.2070

 42.7230, 28.7010,
2.9810

 21.9830, 25.0330,

3.3770

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 194.7090, 40.4840,
4.1960

■ 194.7090, 40.4840,
4.1960

■ 182.5810, 52.5880,
5.1000

■ 206.8370, 28.3800,
3.2920

■ 169.9800, 64.6460,
6.8380

■ 219.4380, 16.3220,
1.5540

■ 157.8520, 76.7500,
7.7420

■ 231.5660, 4.2180,
0.6500

■ 145.2510, 88.8080,
9.4800

■ 244.1670, -7.8400,
-1.0880

■ 133.1230,
100.9120, 10.3840

■ 249.3190,
-11.3240, -4.0280

■ 120.4080,
113.2910, 11.8110

■ 112.8280,
120.8560, 12.3760

Harmonies

Analogous

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



196.2610, 39.2900, 14.8260



194.7090, 40.4840, 4.1960



193.0680, 31.6830, -7.0130

Triad

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



194.7090, 40.4840, 4.1960



184.0570, -31.6780, -20.6220



194.2760, -17.7920, 14.0800

Complementary

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



194.7090, 40.4840, 4.1960



198.2910, -40.4840, -4.1960

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.



189.3330, -40.3020, 3.5220



194.7090, 40.4840, 4.1960



182.7100, -49.5140, -16.7620

Square

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



194.7090, 40.4840, 4.1960



187.1490, -8.5700, -20.9060



184.4250, -52.7250, -8.1250



196.9540, 6.7820, 20.2700

Rectangle

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



194.7090, 40.4840, 4.1960



191.1050, 21.0930, -13.3310



184.4250, -52.7250, -8.1250



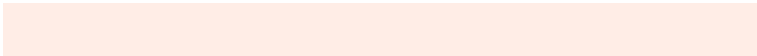
192.3890, -25.5400, 11.3240

Sweetspot

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



194.7090, 40.4840, 4.1960



241.5840, 12.9750, 1.6390



186.8910, 29.4290, 33.8530



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.



194.7090, 40.4840, 4.1960



201.6950, 52.2670, 5.4110



217.6020, 29.7590, -16.2010



111.0500, 5.7310, 0.7630



86.4040, 92.7510, 9.6070



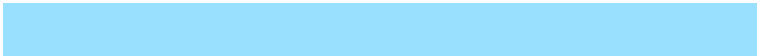
25.5380, 27.7840, 3.0800

Inverse Universe

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



198.2910, -40.4840, -4.1960



206.3050, -52.2670, -5.4110



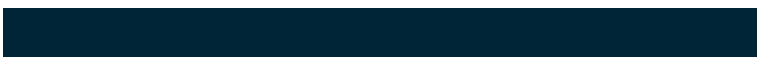
175.3980, -29.7590, 16.2010



111.9500, -5.7310, -0.7630



94.5960, -92.7510, -9.6070



27.8750, -27.5090, -2.5570

Previews

White Background



This preview shows how the YIQ color 194.7090, 40.4840, 4.1960 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 194.7090, 40.4840, 4.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

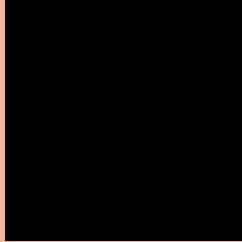
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.7090, 40.4840, 4.1960

Background



This preview shows how black text looks on a background with the YIQ color 194.7090, 40.4840, 4.1960.



This preview shows how white text looks on a background with the YIQ color 194.7090, 40.4840,

4.1960.

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

194.7090, 40.4840, 4.1960

Protanopia

192.8690, 16.1860, -6.9980

Deuteranopia

194.2410, 32.8740, -1.0620



Tritanopia

196.4330, 33.0540, 17.7100

Trichromacy



Original Color

194.7090, 40.4840, 4.1960

Protanomaly

193.8810, 25.0800, -2.9840

Deuteranomaly

194.2630, 35.8080, 0.8320

Tritanomaly

195.9400, 35.7600, 12.7200

Monochromacy



Original Color

194.7090, 40.4840, 4.1960

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9540, 14.8090, 1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7090, 40.4840, 4.1960 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(236, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(236, 181, 157)  
}
```

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(236, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 181, 157) }
```

Border

The CSS property to change the border of an element to YIQ 194.7090, 40.4840, 4.1960 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(236, 181, 157) }
```


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

```
.border{ border-color:rgb(236, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(236, 181,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7090, 40.4840, 4.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 181, 157) }
```

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

```
.background{ background-color: rgb(236,  
181, 157) }
```

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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