

# Converting Colors

YIQ(194.0370, 42.1360, -3.7200)

Have a look what the booklet for  
YIQ(194.0370, 42.1360, -3.7200)  
contains.

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# Color

**YIQ(194.0370, 42.1360,  
-3.7200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B98D
RGB	232, 185, 141
RGB Percent	91%, 73%, 55%
CMY	0.0901, 0.2746, 0.4469
CMYK	0.00, 0.20, 0.39, 0.09
HSL	29°, 66%, 73%
HSV	29°, 39%, 91%
XYZ	55.4420, 53.7736, 32.6766
YIQ	194.0370, 42.1360, -3.7200

# Conversions

## Conversions Part 2

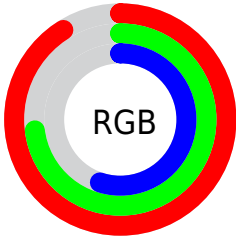
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 226, 141
Decimal	15251853
CIE Lab	78.33, 11.18, 28.73
CIE LCh	78, 30.832, 68.746
Yxy	53.7736, 0.3907, 0.3790
Android (android.graphics.Color)	4293441933 (0xFFE8B98D)
YUV	194.0370, -26.1472, 33.2936
Hunter-Lab	73.3305, 6.6278, 24.9113

# Details

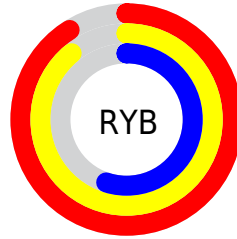
The YIQ color **194.0370, 42.1360, -3.7200** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178.9630, -42.1360, 3.7200**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9420, 23.1100, -11.3380**, and **140.0690, 39.1100, -3.9460** is the 20% darker color. If you saturate the color by 10%, you get **184.3710, 52.8190, -4.5970**, and if you desaturate by 10%, it is **203.7030, 31.4530, -2.8430**.

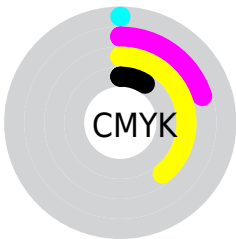
# Distribution



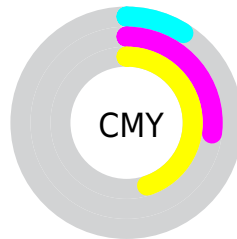
- Red (91%)
- Green (73%)
- Blue (55%)



- Red (91%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0370, 42.1360, -3.7200 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 194.0370, 42.1360, -3.7200 by changing the saturation by 10% instead.





 194.0370, 42.1360,  
-3.7200


 194.0370, 42.1360,  
-3.7200


255.0000, -0.0000,  
-0.0000


 166.5530, 40.6230,  
-3.8330


 239.9420, 23.1100,  
-11.3380


 140.0690, 39.1100,  
-3.9460


 251.3520, 10.2720,  
-9.9520

 114.2860, 37.0010,  
-4.2710

 254.6580, 0.9630,  
-0.9330

 89.6170, 34.5710,  
-4.2850

 65.1330, 33.0580,  
-4.3980

 42.6380, 30.0780,  
-5.4580

 22.8360, 20.9530,

0.2250

■ 2.9900, 5.9600,  
2.1200

■ 0.0000, 0.0000,  
0.0000

■ 194.0370, 42.1360,  
-3.7200

■ 194.0370, 42.1360,  
-3.7200

■ 184.3710, 52.8190,  
-4.5970

■ 203.7030, 31.4530,  
-2.8430

■ 174.7050, 63.5020,  
-5.4740

■ 213.3690, 20.7700,  
-1.9660

■ 164.9250, 74.5060,  
-6.6620

■ 223.1490, 9.7660,  
-0.7780

■ 155.2590, 85.1890,  
-7.5390

■ 232.8150, -0.9170,  
0.0990

■ 145.5930, 95.8720,  
-8.4160

■ 242.2530,  
-10.9580, 0.3540

■ 135.9270,  
106.5550, -9.2930

■ 248.1230,  
-13.7080, -4.8760

■ 135.1120,  
107.4720, -9.3920

# Harmonies

## Analogous

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



196.1770, 48.0940, 9.4540



194.0370, 42.1360, -3.7200



191.6770, 25.1740, -15.7060

# Triad

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



194.0370, 42.1360, -3.7200



179.9710, -54.9230, -23.3630



197.0440, -2.1590, 22.6170

# Complementary

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



194.0370, 42.1360, -3.7200



178.9630, -42.1360, 3.7200

# 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.



192.9090, -32.8760, 12.1160



194.0370, 42.1360, -3.7200



179.8960, -67.5330, -15.0930

# Square

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



194.0370, 42.1360, -3.7200



183.8630, -28.3760, -25.4000



185.1890, -57.6320, -1.7920



198.0980, 24.1120, 25.5840



# Rectangle

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



194.0370, 42.1360, -3.7200



189.0170, 9.3570, -20.9070



185.1890, -57.6320, -1.7920



196.1890, -12.9330, 19.6350

# Sweetspot

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



194.0370, 42.1360, -3.7200



242.0740, 14.3510, -1.2730



173.7950, 38.5070, 34.5310



120.0780, 8.5280, -0.3680



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.



194.0370, 42.1360, -3.7200



204.9260, 55.5700, -4.8940



219.8650, 30.0360, -26.7320



110.1100, 5.5020, -0.5940



104.0030, 83.0340, -7.0300



29.9240, 23.5210, -2.2630



# Inverse Universe

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



178.9630, -42.1360, 3.7200



185.0740, -55.5700, 4.8940



153.1350, -30.0360, 26.7320



107.8900, -5.5020, 0.5940



74.4100, -82.7590, 7.5530



21.0760, -23.5210, 2.2630



# Previews

## White Background



This preview shows how the YIQ color 194.0370, 42.1360, -3.7200 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

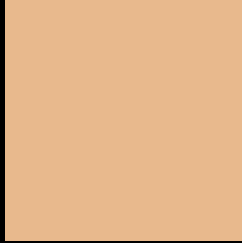
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.0370, 42.1360, -3.7200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

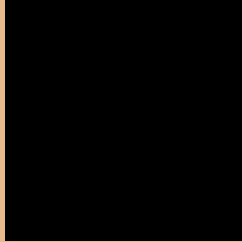
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.0370, 42.1360, -3.7200

## Background



This preview shows how black text looks on a background with the YIQ color 194.0370, 42.1360, -3.7200.



This preview shows how white text looks on a background with the YIQ color 194.0370, 42.1360, -3.7200.

-3.7200.

# 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

194.0370, 42.1360, -3.7200

### Protanopia

192.6000, 24.0730, -12.2710

### Deuteranopia

194.0260, 40.6690, -4.6670



## Tritanopia

197.2370, 30.6700, 16.8620

# Trichromacy



## Original Color

194.0370, 42.1360, -3.7200

## Protanomaly

193.4160, 30.5830, -9.1050

## Deuteranomaly

194.3250, 41.2650, -4.4550

## Tritanomaly

196.2340, 34.7520, 8.9600

# Monochromacy



## Original Color

194.0370, 42.1360, -3.7200

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

194.2590, 15.2680, -1.3720

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.0370, 42.1360, -3.7200 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(232, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 185, 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(232, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 185, 141) }
```

## Border

The CSS property to change the border of an element to YIQ 194.0370, 42.1360, -3.7200 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(232, 185, 141) }
```



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

```
.border{ border-color:rgb(232, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 185, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 185, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 185,  
141) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.0370, 42.1360, -3.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 185, 141) }
```

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

```
.background{ background-color: rgb(232,  
185, 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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