

Converting Colors

YIQ(203.7250, 34.3870, -0.9490)

Have a look what the booklet for
YIQ(203.7250, 34.3870, -0.9490)
contains.

YIQ(203.7250, 34.3870, -0.9490)	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(203.7250, 34.3870,
-0.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC3A4
RGB	236, 195, 164
RGB Percent	93%, 76%, 64%
CMY	0.0744, 0.2353, 0.3567
CMYK	0.00, 0.17, 0.30, 0.07
HSL	26°, 65%, 78%
HSV	26°, 30%, 93%
XYZ	60.8145, 59.5406, 43.4285
YIQ	203.7250, 34.3870, -0.9490

Conversions

Conversions Part 2

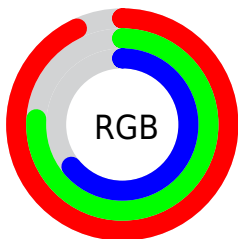
Format	Color
RYB	236, 218, 164
Decimal	15516580
CIELab	81.59, 10.21, 21.03
CIElCh	82, 23.383, 64.102
Yxy	59.5406, 0.3713, 0.3635
Android (android.graphics.Color)	4293706660 (0xFFECC3A4)
YUV	203.7250, -19.5844, 28.3052
Hunter-Lab	77.1625, 5.6476, 20.6442

Details

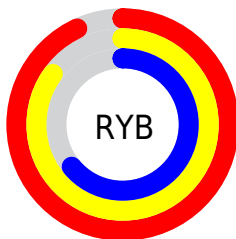
The YIQ color $203.7250, 34.3870, -0.9490$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $196.2750, -34.3870, 0.9490$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1350, 12.3810, -9.6270$, and $149.0560, 31.9570, -0.9630$ is the 20% darker color. If you saturate the color by 10%, you get $193.3580, 45.6660, -1.6140$, and if you desaturate by 10%, it is $214.0920, 23.1080, -0.2840$.

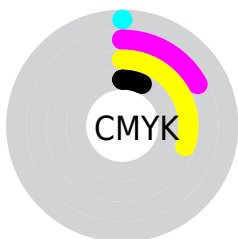
Distribution



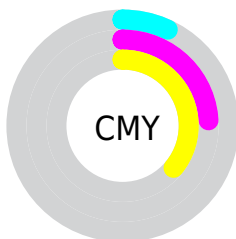
- Red (93%)
- Green (76%)
- Blue (64%)



- Red (93%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.7250, 34.3870, -0.9490 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 203.7250, 34.3870, -0.9490 by changing the saturation by 10% instead.

 203.7250, 34.3870,
-0.9490


 203.7250, 34.3870,
-0.9490


255.0000, -0.0000,
-0.0000


 176.2410, 32.8740,
-1.0620


 249.1350, 12.3810,
-9.6270


 149.0560, 31.9570,
-0.9630

 254.2020, 2.2470,
-2.1770

 123.5720, 30.4440,
-1.0760

 98.0880, 28.9310,
-1.1890

 74.3050, 26.8220,
-1.5140

 50.9350, 24.9880,
-1.3160

 29.0380, 23.2000,

-1.9520

■ 8.0730, 16.0920,
5.7240

■ 0.0000, 0.0000,
0.0000

■ 203.7250, 34.3870,
-0.9490

■ 203.7250, 34.3870,
-0.9490

■ 193.3580, 45.6660,
-1.6140

■ 214.0920, 23.1080,
-0.2840

■ 182.5180, 56.8990,
-1.4450

■ 224.9320, 11.8750,
-0.4530

■ 172.1510, 68.1780,
-2.1100

■ 235.2990, 0.5960,
0.2120

■ 161.3110, 79.4110,
-1.9410

■ 245.7970, -9.6740,
-0.8900

■ 150.9440, 90.6900,
-2.6060

■ 249.3190,
-11.3240, -4.0280

■ 139.9900,
102.2440, -2.7480

■ 129.8510,
112.8810, -2.7910

Harmonies

Analogous

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



205.2020, 37.7780, 9.1860



203.7250, 34.3870, -0.9490



201.2840, 22.1470, -10.4050

Triad

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



203.7250, 34.3870, -0.9490



193.8270, -36.7220, -17.3140



205.0880, -5.4590, 16.3410

Complementary

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



203.7250, 34.3870, -0.9490



196.2750, -34.3870, 0.9490

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.



201.9110, -27.1900, 8.1860



203.7250, 34.3870, -0.9490



193.8400, -46.7640, -11.5320

Square

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



203.7250, 34.3870, -0.9490



196.7120, -17.4650, -19.3930



197.0890, -42.7310, -2.0190



206.8040, 15.9520, 19.2800

Rectangle

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



203.7250, 34.3870, -0.9490



200.1900, 10.5480, -14.9560



197.0890, -42.7310, -2.0190



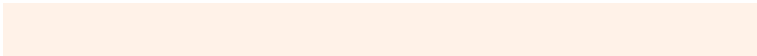
204.6140, -12.9320, 14.1080

Sweetspot

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



203.7250, 34.3870, -0.9490



244.7470, 10.9580, -0.3540



190.3160, 29.4300, 28.3260



121.5940, 7.0150, -0.4810



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.



203.7250, 34.3870, -0.9490



212.5860, 45.0240, -0.9920



224.2700, 24.7620, -19.2540



112.2240, 5.1810, -0.2830



99.9050, 86.4260, -2.4220



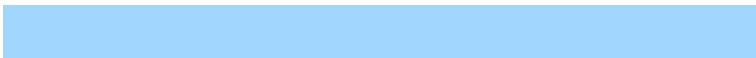
29.6470, 25.8590, -0.5810

Inverse Universe

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



196.2750, -34.3870, 0.9490



202.8270, -44.7490, 1.5150



175.7300, -24.7620, 19.2540



110.7760, -5.1810, 0.2830



81.0950, -86.4260, 2.4220



24.3530, -25.8590, 0.5810

Previews

White Background



This preview shows how the YIQ color 203.7250, 34.3870, -0.9490 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 203.7250, 34.3870, -0.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

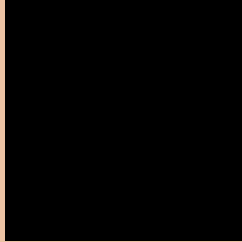
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.7250, 34.3870, -0.9490

Background



This preview shows how black text looks on a background with the YIQ color 203.7250, 34.3870, -0.9490.



This preview shows how white text looks on a background with the YIQ color 203.7250, 34.3870, -0.9490.

-0.9490.

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

203.7250, 34.3870, -0.9490

Protanopia

202.5980, 18.3870, -8.3410

Deuteranopia

203.7250, 34.3870, -0.9490



Tritanopia

205.9590, 25.5810, 15.4770

Trichromacy



Original Color

203.7250, 34.3870, -0.9490

Protanomaly

203.1150, 24.3010, -5.3870

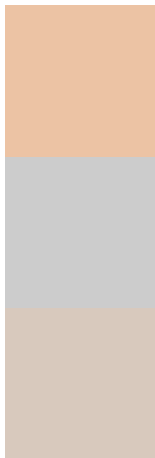
Deuteranomaly

203.7250, 34.3870, -0.9490

Tritanomaly

205.1240, 29.2500, 9.5540

Monochromacy



Original Color

203.7250, 34.3870, -0.9490

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1170, 12.7920, -0.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7250, 34.3870, -0.9490 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, 195, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 164)  
}
```

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, 195, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 164) }
```

Border

The CSS property to change the border of an element to YIQ 203.7250, 34.3870, -0.9490 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, 195, 164) }
```


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

```
.border{ border-color:rgb(236, 195, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 195, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 195, 164); box-shadow:4px 4px 4px 4px rgb(236, 195, 164) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7250, 34.3870, -0.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 164) }
```

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

```
.background{ background-color: rgb(236,  
195, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor