

Converting Colors

YIQ(214.3790, 41.1730, -2.7870)

Have a look what the booklet for
YIQ(214.3790, 41.1730, -2.7870)
contains.

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Color

**YIQ(214.3790, 41.1730,
-2.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCDA4
RGB	252, 205, 164
RGB Percent	99%, 80%, 64%
CMY	0.0117, 0.1961, 0.3567
CMYK	0.00, 0.19, 0.35, 0.01
HSL	28°, 94%, 82%
HSV	28°, 35%, 99%
XYZ	68.6848, 67.0348, 44.4645
YIQ	214.3790, 41.1730, -2.7870

Conversions

Conversions Part 2

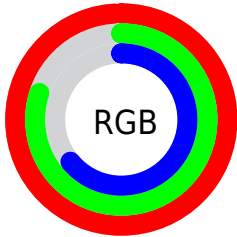
Format	Color
RYB	252, 241, 164
Decimal	16567716
CIELab	85.52, 11.09, 26.66
CIELCh	86, 28.872, 67.401
Yxy	67.0348, 0.3812, 0.3720
Android (android.graphics.Color)	4294757796 (0xFFFCDA4)
YUV	214.3790, -24.8368, 32.9936
Hunter-Lab	81.8748, 6.4627, 25.1132

Details

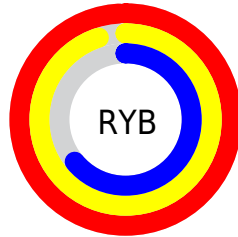
The YIQ color **214.3790, 41.1730, -2.7870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **201.6210, -41.1730, 2.7870**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.8960, 11.5560, -11.1960**, and **159.4110, 38.1470, -3.0130** is the 20% darker color. If you saturate the color by 10%, you get **203.8980, 52.7730, -3.7630**, and if you desaturate by 10%, it is **224.8600, 29.5730, -1.8110**.

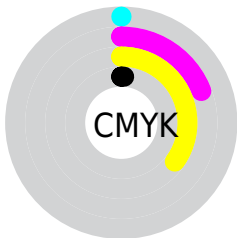
Distribution



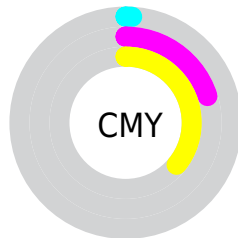
- Red (99%)
- Green (80%)
- Blue (64%)



- Red (99%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (1%)




- Cyan (1%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.3790, 41.1730, -2.7870 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 214.3790, 41.1730, -2.7870 by changing the saturation by 10% instead.


 214.3790, 41.1730,
-2.7870


 214.3790, 41.1730,
-2.7870


255.0000, -0.0000,
-0.0000


 186.8950, 39.6600,
-2.9000


 250.8960, 11.5560,
-11.1960


 159.4110, 38.1470,
-3.0130

 254.2020, 2.2470,
-2.1770

 132.9270, 36.6340,
-3.1260

 107.5570, 34.8000,
-2.9280

 82.7740, 32.6910,
-3.2530

 58.9910, 30.5820,
-3.5780

 37.0230, 27.5560,

-3.8040

■ 17.5200, 19.0270,
2.0910

■ 0.0000, 0.0000,
0.0000

■ 214.3790, 41.1730,
-2.7870

■ 214.3790, 41.1730,
-2.7870

■ 203.8980, 52.7730,
-3.7630

■ 224.8600, 29.5730,
-1.8110

■ 192.8300, 64.6480,
-4.2160

■ 235.9280, 17.6980,
-1.3580

■ 182.2350, 76.5690,
-5.5030

■ 246.5230, 5.7770,
-0.0710

■ 171.1670, 88.4440,
-5.9560

■ 254.1030, -1.7880,
-0.6360

■ 160.6860,
100.0440, -6.9320

■ 149.6180,
111.9190, -7.3850

■ 144.0270,
118.0170, -7.7670

Harmonies

Analogous

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



212.6320, 39.3830, 7.6310



214.3790, 41.1730, -2.7870



211.7310, 25.0820, -14.0380

Triad

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



214.3790, 41.1730, -2.7870



201.6620, -49.5590, -21.4550



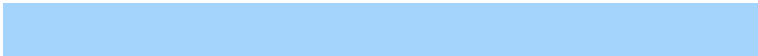
216.6910, -2.6630, 20.7370

Complementary

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



214.3790, 41.1730, -2.7870



201.6210, -41.1730, 2.7870

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.



211.4980, -27.4650, 7.6630



214.3790, 41.1730, -2.7870



202.2450, -61.2060, -14.1180

Square

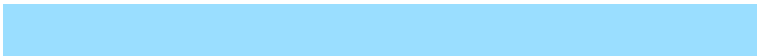
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.3790, 41.1730, -2.7870



204.7710, -25.1210, -23.8170



205.4300, -51.1210, -4.1530



218.6740, 22.3700, 24.1140

Rectangle

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



214.3790, 41.1730, -2.7870



209.8430, 9.9070, -19.8610



205.4300, -51.1210, -4.1530



215.4510, -10.9150, 16.1010

Sweetspot

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



214.3790, 41.1730, -2.7870



243.9320, 11.8750, -0.4530



195.7840, 37.0400, 33.5840



120.8930, 7.6110, -0.2690



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.



214.3790, 41.1730, -2.7870



209.3430, 50.0220, -3.4660



239.6200, 29.3480, -25.2760



119.4090, 6.0980, -0.3820



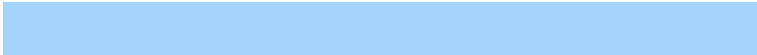
108.1670, 88.4440, -5.9560



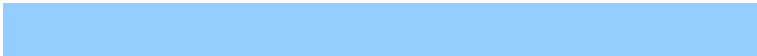
34.6750, 28.6560, -1.7120

Inverse Universe

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



201.6210, -41.1730, 2.7870



193.6570, -50.0220, 3.4660



176.3800, -29.3480, 25.2760



117.5910, -6.0980, 0.3820



80.8330, -88.4440, 5.9560



26.3250, -28.6560, 1.7120

Previews

White Background



This preview shows how the YIQ color 214.3790, 41.1730, -2.7870 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 214.3790, 41.1730, -2.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

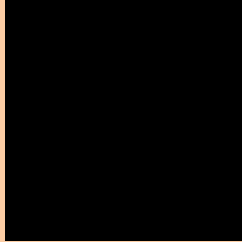
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.3790, 41.1730, -2.7870

Background



This preview shows how black text looks on a background with the YIQ color 214.3790, 41.1730, -2.7870.



This preview shows how white text looks on a background with the YIQ color 214.3790, 41.1730, -2.7870.

-2.7870.

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

214.3790, 41.1730, -2.7870

Protanopia

212.9420, 23.1100, -11.3380

Deuteranopia

214.0800, 40.5770, -2.9990



Tritanopia

217.4540, 28.5610, 16.5370

Trichromacy



Original Color

214.3790, 41.1730, -2.7870

Protanomaly

213.7580, 29.6200, -8.1720

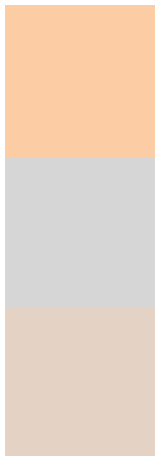
Deuteranomaly

214.0800, 40.5770, -2.9990

Tritanomaly

216.2770, 33.1930, 9.6810

Monochromacy



Original Color

214.3790, 41.1730, -2.7870

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.3730, 14.9470, -1.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.3790, 41.1730, -2.7870 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(252, 205, 164)` looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 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(252, 205, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 164) }
```

Border

The CSS property to change the border of an element to YIQ 214.3790, 41.1730, -2.7870 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(252, 205, 164) }
```


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

```
.border{ border-color:rgb(252, 205, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 205, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 164);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 214.3790, 41.1730, -2.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 164) }
```

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

```
.background{ background-color: rgb(252,  
205, 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](#).

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