

Converting Colors

YIQ(213.3080, 39.9350, -2.3770)

Have a look what the booklet for
YIQ(213.3080, 39.9350, -2.3770)
contains.

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Color

**YIQ(213.3080, 39.9350,
-2.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	FACCA5
RGB	250, 204, 165
RGB Percent	98%, 80%, 65%
CMY	0.0195, 0.2001, 0.3527
CMYK	0.00, 0.18, 0.34, 0.02
HSL	27°, 90%, 81%
HSV	27°, 34%, 98%
XYZ	67.8163, 66.2229, 44.8283
YIQ	213.3080, 39.9350, -2.3770

Conversions

Conversions Part 2

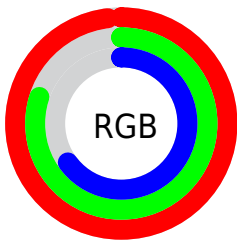
Format	Color
R _Y B	250, 237, 165
Decimal	16436389
CIE Lab	85.11, 10.97, 25.54
CIE LCh	85, 27.798, 66.758
Yxy	66.2229, 0.3791, 0.3702
Android (android.graphics.Color)	4294626469 (0xFFFA55A5)
YUV	213.3080, -23.8158, 32.1789
Hunter-Lab	81.3774, 6.3434, 24.3032

Details

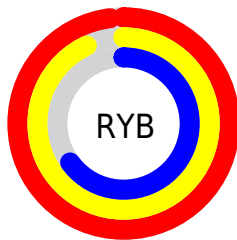
The YIQ color **213.3080, 39.9350, -2.3770** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **201.6920, -39.9350, 2.3770**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.0100, 11.2350, -10.8850**, and **158.3400, 36.9090, -2.6030** is the 20% darker color. If you saturate the color by 10%, you get **202.2400, 51.8100, -2.8300**, and if you desaturate by 10%, it is **224.3760, 28.0600, -1.9240**.

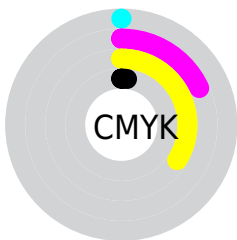
Distribution



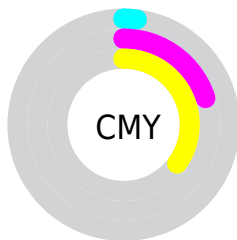
- Red (98%)
- Green (80%)
- Blue (65%)



- Red (98%)
- Yellow (93%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.3080, 39.9350, -2.3770 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 213.3080, 39.9350, -2.3770 by changing the saturation by 10% instead.


 213.3080, 39.9350,
-2.3770


 213.3080, 39.9350,
-2.3770


255.0000, -0.0000,
-0.0000


 185.8240, 38.4220,
-2.4900


 251.0100, 11.2350,
-10.8850


 158.3400, 36.9090,
-2.6030

 254.3160, 1.9260,
-1.8660

 131.8560, 35.3960,
-2.7160

 106.4860, 33.5620,
-2.5180

 81.7030, 31.4530,
-2.8430

 57.9200, 29.3440,
-3.1680

 36.1370, 27.2350,

-3.4930

■ 16.0470, 18.9810,
2.9250

■ 0.0000, 0.0000,
0.0000

■ 213.3080, 39.9350,
-2.3770

■ 213.3080, 39.9350,
-2.3770

■ 202.2400, 51.8100,
-2.8300

■ 224.3760, 28.0600,
-1.9240

■ 191.7590, 63.4100,
-3.8060

■ 234.8570, 16.4600,
-0.9480

■ 180.6910, 75.2850,
-4.2590

■ 245.9250, 4.5850,
-0.4950

■ 170.2100, 86.8850,
-5.2350

■ 253.5050, -2.9800,
-1.0600

■ 159.1420, 98.7600,
-5.6880

■ 148.6610,
110.3600, -6.6640

■ 142.2550,
117.3750, -7.1450

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



213.3080, 39.9350, -2.3770



210.8450, 24.7610, -13.7270

Triad

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



213.3080, 39.9350, -2.3770



201.7440, -46.8540, -20.9180



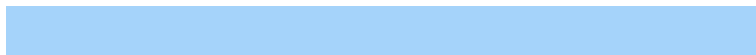
215.7940, -4.4510, 20.1010

Complementary

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



213.3080, 39.9350, -2.3770



201.6920, -39.9350, 2.3770

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.



210.6120, -27.7860, 7.9740



213.3080, 39.9350, -2.3770



201.6260, -57.9050, -13.3690

Square

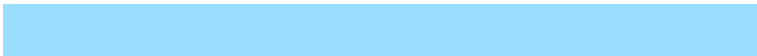
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.3080, 39.9350, -2.3770



204.3690, -23.9290, -23.3930



205.1420, -50.2500, -3.4180



217.0760, 21.1780, 23.6900

Rectangle

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



213.3080, 39.9350, -2.3770



208.6690, 10.4570, -18.8150



205.1420, -50.2500, -3.4180



214.2660, -11.8320, 16.2000

Sweetspot

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



213.3080, 39.9350, -2.3770



243.9320, 11.8750, -0.4530



195.7730, 35.5730, 32.6370



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.



213.3080, 39.9350, -2.3770



209.5710, 49.3800, -2.8440



237.9620, 28.3850, -24.3430



119.4090, 6.0980, -0.3820



106.9930, 88.9940, -4.9100



34.6750, 28.6560, -1.7120

Inverse Universe

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



201.6920, -39.9350, 2.3770



195.4290, -49.3800, 2.8440



177.0380, -28.3850, 24.3430



117.5910, -6.0980, 0.3820



81.4200, -88.7190, 5.4330



26.3250, -28.6560, 1.7120

Previews

White Background



This preview shows how the YIQ color 213.3080, 39.9350, -2.3770 looks on a white background.

Color Contrast Check

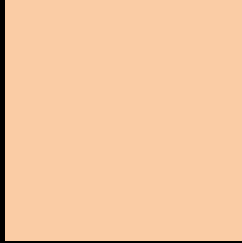
Large Text (above 18pt) WCAG AA × Fail

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 213.3080, 39.9350, -2.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

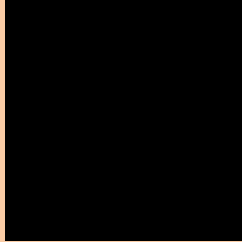
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.3080, 39.9350, -2.3770

Background



This preview shows how black text looks on a background with the YIQ color 213.3080, 39.9350, -2.3770.



This preview shows how white text looks on a background with the YIQ color 213.3080, 39.9350,

-2.3770.

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

213.3080, 39.9350, -2.3770

Protanopia

211.2840, 22.1470, -10.4050

Deuteranopia

213.0090, 39.3390, -2.5890



Tritanopia

216.1660, 29.4320, 17.2720

Trichromacy



Original Color

213.3080, 39.9350, -2.3770

Protanomaly

212.1000, 28.6570, -7.2390

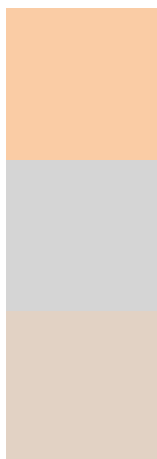
Deuteranomaly

213.0090, 39.3390, -2.5890

Tritanomaly

215.3910, 32.8720, 9.9920

Monochromacy



Original Color

213.3080, 39.9350, -2.3770

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1880, 14.0300, -0.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.3080, 39.9350, -2.3770 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(250, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 165)  
}
```

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(250, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 165) }
```

Border

The CSS property to change the border of an element to YIQ 213.3080, 39.9350, -2.3770 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(250, 204, 165) }
```


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

```
.border{ border-color:rgb(250, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 213.3080, 39.9350, -2.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 165) }
```

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

```
.background{ background-color: rgb(250,  
204, 165) }
```

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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