

Converting Colors

YIQ(201.3440, 48.2810,
-10.4630)

Have a look what the booklet for
YIQ(201.3440, 48.2810, -10.4630)
contains.

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Color

**YIQ(201.3440, 48.2810,
-10.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C382
RGB	241, 195, 130
RGB Percent	95%, 76%, 51%
CMY	0.0548, 0.2353, 0.4899
CMYK	0.00, 0.19, 0.46, 0.05
HSL	35°, 80%, 73%
HSV	35°, 46%, 95%
XYZ	59.8258, 59.3387, 29.4412
YIQ	201.3440, 48.2810, -10.4630

Conversions

Conversions Part 2

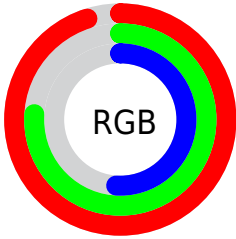
Format	Color
R _Y B	209, 241, 130
Decimal	15844226
CIE Lab	81.48, 8.34, 38.74
CIE LCh	81, 39.624, 77.848
Yxy	59.3387, 0.4026, 0.3993
Android (android.graphics.Color)	4294034306 (0xFFFF1C382)
YUV	201.3440, -35.1726, 34.7783
Hunter-Lab	77.0316, 3.8248, 31.2617

Details

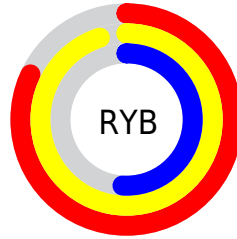
The YIQ color **201.3440, 48.2810, -10.4630** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **169.6560, -48.2810, 10.4630**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5580, 23.8910, -19.9890**, and **146.4900, 44.9340, -10.3780** is the 20% darker color. If you saturate the color by 10%, you get **192.7380, 58.7350, -12.6970**, and if you desaturate by 10%, it is **209.9500, 37.8270, -8.2290**.

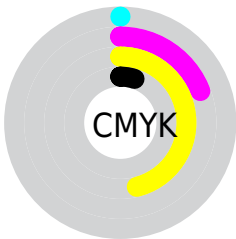
Distribution



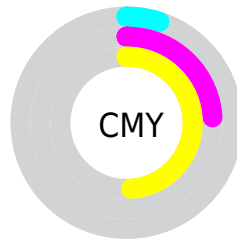
- Red (95%)
- Green (76%)
- Blue (51%)



- Red (82%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3440, 48.2810, -10.4630 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 201.3440, 48.2810, -10.4630 by changing the saturation by 10% instead.

201.3440, 48.2810,
-10.4630

201.3440, 48.2810,
-10.4630

255.0000, -0.0000,
-0.0000

173.8600, 46.7680,
-10.5760

244.5580, 23.8910,
-19.9890

146.4900, 44.9340,
-10.3780

250.0980, 13.8030,
-13.3730

120.7070, 42.8250,
-10.7030

253.2900, 4.8150,
-4.6650

94.9240, 40.7160,
-11.0280

70.3860, 39.2950,
-12.8090

49.1280, 31.4540,
-8.3700

29.0270, 21.7330,

-2.8990

■ 7.1760, 14.3040,
5.0880

■ 0.0000, 0.0000,
0.0000

■ 201.3440, 48.2810,
-10.4630

■ 201.3440, 48.2810,
-10.4630

■ 192.7380, 58.7350,
-12.6970

■ 209.9500, 37.8270,
-8.2290

■ 184.1320, 69.1890,
-14.9310

■ 218.5560, 27.3730,
-5.9950

■ 175.5260, 79.6430,
-17.1650

■ 227.1620, 16.9190,
-3.7610

■ 166.9200, 90.0970,
-19.3990

■ 235.7680, 6.4650,
-1.5270

■ 158.3140,
100.5510, -21.6330

■ 244.4880, -4.3100,
1.0180

■ 154.8260,
104.8610, -22.6510

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



200.6520, 53.8260, 4.6900



201.3440, 48.2810, -10.4630



197.7380, 23.2040, -24.0600

Triad

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



201.3440, 48.2810, -10.4630



177.9760, -88.8500, -30.7540



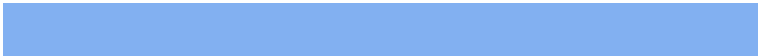
207.4030, 7.3760, 31.5360

Complementary

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



201.3440, 48.2810, -10.4630



169.6560, -48.2810, 10.4630

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.



200.6110, -26.0450, 14.9710



201.3440, 48.2810, -10.4630



179.7490, -97.9760, -19.5440

Square

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



201.3440, 48.2810, -10.4630



186.5010, -51.0240, -33.4560



190.6010, -64.7840, -4.3360



204.5230, 33.2810, 30.1210

Rectangle

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



201.3440, 48.2810, -10.4630



195.1420, 1.3350, -29.7130



190.6010, -64.7840, -4.3360



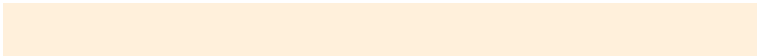
205.7930, -2.7100, 27.0980

Sweetspot

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



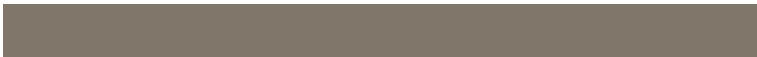
201.3440, 48.2810, -10.4630



242.0910, 15.6810, -3.3510



168.4330, 51.3900, 37.8380



120.2090, 9.5370, -2.1350



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.



201.3440, 48.2810, -10.4630



204.9940, 60.8900, -13.2060



225.6550, 30.2670, -36.4290



115.6970, 5.2270, -1.1170



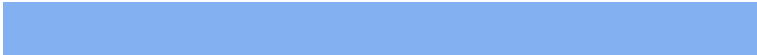
117.8250, 80.2390, -16.9530



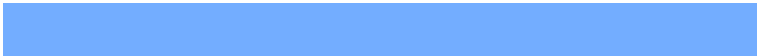
36.1150, 24.3010, -5.3870

Inverse Universe

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



169.6560, -48.2810, 10.4630



165.0060, -60.8900, 13.2060



145.3450, -30.2670, 36.4290



112.3030, -5.2270, 1.1170



65.5880, -79.9640, 17.4760



19.8850, -24.3010, 5.3870

Previews

White Background



This preview shows how the YIQ color 201.3440, 48.2810, -10.4630 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 201.3440, 48.2810, -10.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

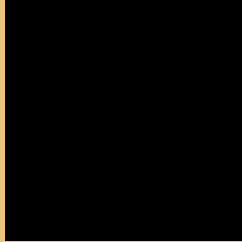
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.3440, 48.2810, -10.4630

Background



This preview shows how black text looks on a background with the YIQ color 201.3440, 48.2810, -10.4630.



This preview shows how white text looks on a background with the YIQ color 201.3440, 48.2810, -10.4630.

-10.4630.

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

201.3440, 48.2810, -10.4630

Protanopia

200.1030, 32.6020, -18.1660

Deuteranopia

201.6540, 50.3440, -9.3040



Tritanopia

206.1340, 32.4580, 17.4980

Trichromacy



Original Color

201.3440, 48.2810, -10.4630

Protanomaly

200.6200, 38.5160, -15.2120

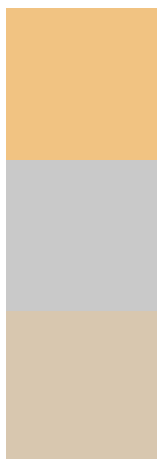
Deuteranomaly

201.3550, 49.7480, -9.5160

Tritanomaly

204.1480, 37.8700, 7.5180

Monochromacy



Original Color

201.3440, 48.2810, -10.4630

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.3470, 17.8360, -3.8600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3440, 48.2810, -10.4630 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(241, 195, 130)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 130)  
}
```

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(241, 195, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 130) }
```

Border

The CSS property to change the border of an element to YIQ 201.3440, 48.2810, -10.4630 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(241, 195, 130) }
```


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

```
.border{ border-color:rgb(241, 195, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 130);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3440, 48.2810, -10.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 130) }
```

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

```
.background{ background-color: rgb(241,  
195, 130) }
```

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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