

Converting Colors

YIQ(210.3730, 41.3100, 0.2380)

Have a look what the booklet for
YIQ(210.3730, 41.3100, 0.2380)
contains.

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Color

**YIQ(210.3730, 41.3100,
0.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC7A5
RGB	250, 199, 165
RGB Percent	98%, 78%, 65%
CMY	0.0195, 0.2197, 0.3527
CMYK	0.00, 0.20, 0.34, 0.02
HSL	24°, 90%, 81%
HSV	24°, 34%, 98%
XYZ	66.6479, 63.8840, 44.4386
YIQ	210.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

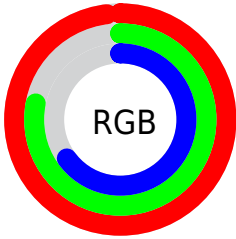
Format	Color
R _Y B	250, 222, 165
Decimal	16435109
CIE Lab	83.91, 13.58, 23.90
CIE LCh	84, 27.487, 60.390
Yxy	63.8840, 0.3809, 0.3651
Android (android.graphics.Color)	4294625189 (0xFFFA7A5)
YUV	210.3730, -22.3689, 34.7529
Hunter-Lab	79.9275, 8.9700, 22.9848

Details

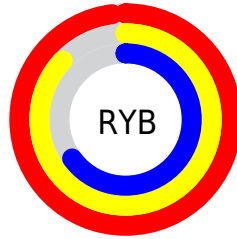
The YIQ color $210.3730, 41.3100, 0.2380$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.6270, -41.3100, -0.2380$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $251.0100, 11.2350, -10.8850$, and $155.4050, 38.2840, 0.0120$ is the 20% darker color. If you saturate the color by 10%, you get $198.7180, 53.4600, 0.3080$, and if you desaturate by 10%, it is $222.0280, 29.1600, 0.1680$.

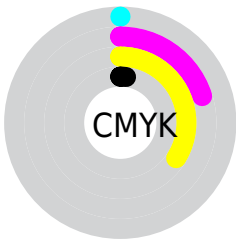
Distribution



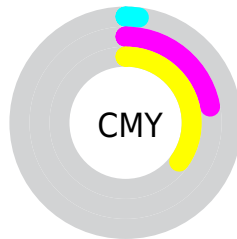
- Red (98%)
- Green (78%)
- Blue (65%)



- Red (98%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.3730, 41.3100, 0.2380 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 210.3730, 41.3100, 0.2380 by changing the saturation by 10% instead.

 210.3730, 41.3100,
0.2380


 210.3730, 41.3100,
0.2380


255.0000, -0.0000,
-0.0000


 182.8890, 39.7970,
0.1250


 251.0100, 11.2350,
-10.8850


 155.4050, 38.2840,
0.0120

 254.3160, 1.9260,
-1.8660

 128.9210, 36.7710,
-0.1010

 104.1380, 34.6620,
-0.4260

 79.3550, 32.5530,
-0.7510

 55.6860, 30.1230,
-0.7650

 33.7890, 28.3350,

-1.4010

■ 12.5250, 20.6310,
6.0630

■ 0.0000, 0.0000,
0.0000

■ 210.3730, 41.3100,
0.2380

■ 210.3730, 41.3100,
0.2380

■ 198.7180, 53.4600,
0.3080

■ 222.0280, 29.1600,
0.1680

■ 187.0630, 65.6100,
0.3780

■ 233.6830, 17.0100,
0.0980

■ 175.4080, 77.7600,
0.4480

■ 245.3380, 4.8600,
0.0280

■ 163.7530, 89.9100,
0.5180

■ 253.5050, -2.9800,
-1.0600

■ 152.0980,
102.0600, 0.5880

■ 140.4430,
114.2100, 0.6580

■ 133.4500,
121.5000, 0.7000

Harmonies

Analogous

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



209.9250, 40.1160, 10.8680



210.3730, 41.3100, 0.2380



208.2800, 27.9700, -11.3100

Triad

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



210.3730, 41.3100, 0.2380



198.6690, -42.2690, -21.4130



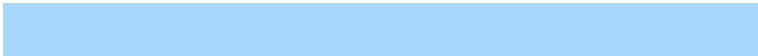
211.5160, -9.5400, 18.7160

Complementary

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



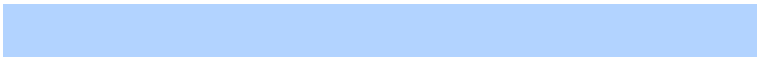
210.3730, 41.3100, 0.2380



204.6270, -41.3100, -0.2380

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.



206.1490, -33.7920, 6.6880



210.3730, 41.3100, 0.2380



197.9420, -55.9790, -15.2350

Square

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



210.3730, 41.3100, 0.2380



201.7180, -17.6020, -22.4180



201.3480, -53.8260, -4.6900



213.9120, 15.7680, 22.6160

Rectangle

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



210.3730, 41.3100, 0.2380



206.0610, 15.2250, -17.1190



201.3480, -53.8260, -4.6900



209.8030, -17.8380, 14.9140

Sweetspot

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



210.3730, 41.3100, 0.2380



243.3450, 12.1500, 0.0700



196.3430, 33.9680, 34.1920



120.3060, 7.8860, 0.2540



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.



210.3730, 41.3100, 0.2380



206.0490, 51.0300, 0.2940



234.4400, 30.0350, -21.2050



118.8220, 6.3730, 0.1410



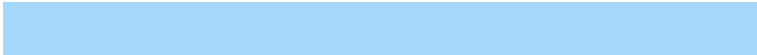
100.5360, 92.0190, 0.8430



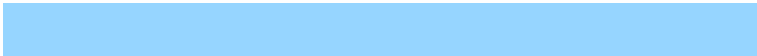
32.3270, 29.7560, 0.3800

Inverse Universe

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



204.6270, -41.3100, -0.2380



198.9510, -51.0300, -0.2940



180.5600, -30.0350, 21.2050



118.1780, -6.3730, -0.1410



87.8770, -91.7440, -0.3200



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 210.3730, 41.3100, 0.2380 looks on a white background.

Color Contrast Check

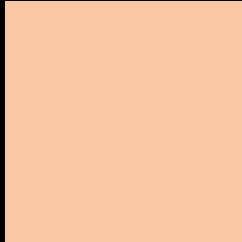
Large Text (above 18pt) WCAG AA × Fail

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 210.3730, 41.3100, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

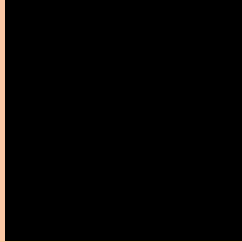
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.3730, 41.3100, 0.2380

Background



This preview shows how black text looks on a background with the YIQ color 210.3730, 41.3100, 0.2380.



This preview shows how white text looks on a background with the YIQ color 210.3730, 41.3100,

0.2380.

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

210.3730, 41.3100, 0.2380

Protanopia

208.4410, 20.2670, -9.3730

Deuteranopia

210.0520, 37.7800, -1.8680



Tritanopia

213.2480, 32.1370, 17.8090

Trichromacy



Original Color

210.3730, 41.3100, 0.2380

Protanomaly

208.8550, 27.9690, -5.7830

Deuteranomaly

210.0630, 39.2470, -0.9210

Tritanomaly

212.0000, 35.5310, 11.3630

Monochromacy



Original Color

210.3730, 41.3100, 0.2380

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3130, 15.1760, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3730, 41.3100, 0.2380 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, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 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, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 165) }
```

Border

The CSS property to change the border of an element to YIQ 210.3730, 41.3100, 0.2380 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, 199, 165) }
```


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

```
.border{ border-color:rgb(250, 199, 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, 199, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3730, 41.3100, 0.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 165) }
```

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

```
.background{ background-color: rgb(250,  
199, 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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