

Converting Colors

YIQ(200.3330, 38.7870, 7.4190)

Have a look what the booklet for
YIQ(200.3330, 38.7870, 7.4190)
contains.

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Color

**YIQ(200.3330, 38.7870,
7.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B9AA
RGB	242, 185, 170
RGB Percent	95%, 73%, 67%
CMY	0.0509, 0.2746, 0.3332
CMYK	0.00, 0.24, 0.30, 0.05
HSL	12°, 74%, 81%
HSV	12°, 30%, 95%
XYZ	61.2326, 56.4747, 45.7246
YIQ	200.3330, 38.7870, 7.4190

Conversions

Conversions Part 2

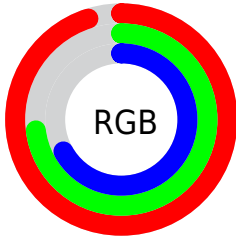
Format	Color
R _Y B	242, 189, 170
Decimal	15907242
CIE Lab	79.88, 18.55, 15.55
CIE LCh	80, 24.199, 39.971
Yxy	56.4747, 0.3747, 0.3456
Android (android.graphics.Color)	4294097322 (0xFFF2B9AA)
YUV	200.3330, -14.9542, 36.5420
Hunter-Lab	75.1497, 13.9316, 16.5300

Details

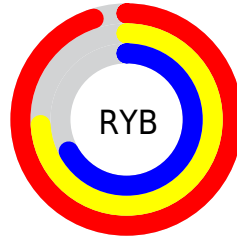
The YIQ color $200.3330, 38.7870, 7.4190$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $211.6670, -38.7870, -7.4190$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.3620, 13.4800, -2.0080$, and $146.2510, 36.0820, 6.8820$ is the 20% darker color. If you saturate the color by 10%, you get $186.4440, 51.7160, 9.8920$, and if you desaturate by 10%, it is $214.2220, 25.8580, 4.9460$.

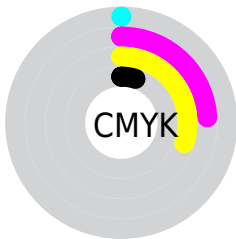
Distribution



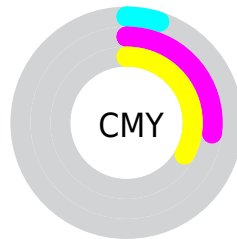
- Red (95%)
- Green (73%)
- Blue (67%)



- Red (95%)
- Yellow (74%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3330, 38.7870, 7.4190 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 200.3330, 38.7870, 7.4190 by changing the saturation by 10% instead.

200.3330, 38.7870,
7.4190

200.3330, 38.7870,
7.4190

255.0000, -0.0000,
-0.0000

172.8490, 37.2740,
7.3060

243.3620, 13.4800,
-2.0080

146.2510, 36.0820,
6.8820

254.8860, 0.3210,
-0.3110

119.7670, 34.5690,
6.7690

94.9840, 32.4600,
6.4440

70.2010, 30.3510,
6.1190

47.4180, 28.2420,
5.7940

24.9510, 28.0590,

3.6030

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,
0.0000

■ 200.3330, 38.7870,
7.4190

■ 200.3330, 38.7870,
7.4190

■ 186.4440, 51.7160,
9.8920

■ 214.2220, 25.8580,
4.9460

■ 172.5550, 64.6450,
12.3650

■ 228.1110, 12.9290,
2.4730

■ 157.9650, 78.1700,
15.0500

■ 242.7010, -0.5960,
-0.2120

■ 144.0760, 91.0990,
17.5230

■ 251.1130, -7.7480,
-2.7560

■ 130.1870,
104.0280, 19.9960

■ 116.2980,
116.9570, 22.4690

■ 102.4090,
129.8860, 24.9420

■ 101.7080,
130.4820, 25.1540

Harmonies

Analogous

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



201.5640, 34.0630, 15.9430



200.3330, 38.7870, 7.4190



198.3720, 33.8830, -2.8290

Triad

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



200.3330, 38.7870, 7.4190



190.9610, -22.6000, -19.9440



197.6450, -23.3850, 10.8150

Complementary

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



200.3330, 38.7870, 7.4190



211.6670, -38.7870, -7.4190

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.



193.4420, -42.2270, -0.1390



200.3330, 38.7870, 7.4190



188.7880, -40.9860, -17.1300

Square

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



200.3330, 38.7870, 7.4190



193.3350, -0.2260, -17.9380



189.1110, -48.9650, -10.1890



201.1810, -1.2870, 17.8250

Rectangle

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



200.3330, 38.7870, 7.4190



196.7790, 25.1270, -9.3450



189.1110, -48.9650, -10.1890



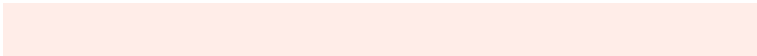
196.2310, -31.0870, 7.2250

Sweetspot

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



200.3330, 38.7870, 7.4190



241.8120, 12.3330, 2.2610



198.1400, 24.2940, 33.3020



119.2460, 8.1150, 1.6110



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.



200.3330, 38.7870, 7.4190



201.6610, 49.6070, 9.5670



220.8780, 29.1620, -10.8860



112.7620, 6.6020, 1.4980



77.3220, 99.2140, 19.1340



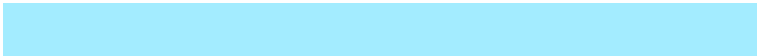
23.7880, 30.0760, 5.5960

Inverse Universe

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



211.6670, -38.7870, -7.4190



216.3390, -49.6070, -9.5670



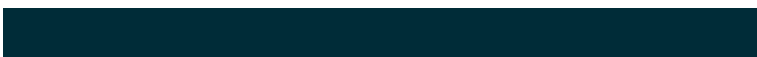
191.1220, -29.1620, 10.8860



114.6510, -6.3270, -0.9750



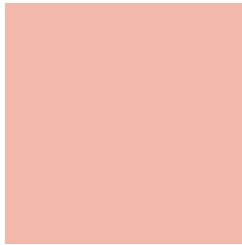
106.6780, -99.2140, -19.1340



32.2120, -30.0760, -5.5960

Previews

White Background



This preview shows how the YIQ color 200.3330, 38.7870, 7.4190 looks on a white background.

Color Contrast Check

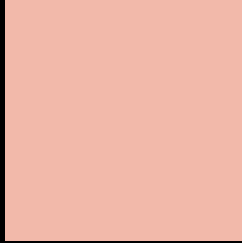
Large Text (above 18pt) WCAG AA × Fail

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 200.3330, 38.7870, 7.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

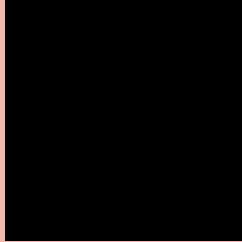
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3330, 38.7870, 7.4190

Background



This preview shows how black text looks on a background with the YIQ color 200.3330, 38.7870, 7.4190.



This preview shows how white text looks on a background with the YIQ color 200.3330, 38.7870,

7.4190.

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

200.3330, 38.7870, 7.4190

Protanopia

198.2970, 12.1050, -4.6230

Deuteranopia

199.5550, 29.1140, 1.0020



Tritanopia

201.7320, 33.6500, 17.9220

Trichromacy



Original Color

200.3330, 38.7870, 7.4190

Protanomaly

198.9070, 22.1910, -0.1850

Deuteranomaly

199.8760, 32.6440, 3.1080

Tritanomaly

200.9940, 35.6680, 14.3880

Monochromacy



Original Color

200.3330, 38.7870, 7.4190

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3330, 38.7870, 7.4190 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(242, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 170)  
}
```

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(242, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 170) }
```

Border

The CSS property to change the border of an element to YIQ 200.3330, 38.7870, 7.4190 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(242, 185, 170) }
```


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

```
.border{ border-color:rgb(242, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3330, 38.7870, 7.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 170) }
```

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

```
.background{ background-color: rgb(242,  
185, 170) }
```

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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