

Converting Colors

YIQ(191.7830, 37.6400, 11.6880)

Have a look what the booklet for
YIQ(191.7830, 37.6400, 11.6880)
contains.

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Color

**YIQ(191.7830, 37.6400,
11.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAEAA
RGB	235, 174, 170
RGB Percent	92%, 68%, 67%
CMY	0.0783, 0.3177, 0.3332
CMYK	0.00, 0.26, 0.28, 0.08
HSL	4°, 62%, 79%
HSV	4°, 28%, 92%
XYZ	56.6634, 50.8343, 44.8750
YIQ	191.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

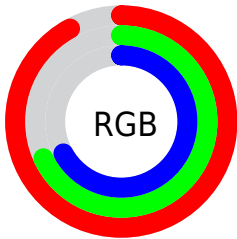
Format	Color
R _Y B	235, 174, 170
Decimal	15445674
CIE Lab	76.58, 21.77, 10.78
CIE LCh	77, 24.293, 26.346
Yxy	50.8343, 0.3719, 0.3336
Android (android.graphics.Color)	4293635754 (0xFFEBAEAA)
YUV	191.7830, -10.7390, 37.9013
Hunter-Lab	71.2982, 17.0891, 12.5916

Details

The YIQ color **191.7830, 37.6400, 11.6880** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **213.2170, -37.6400, -11.6880**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9050, 16.5050, 3.7450**, and **137.7010, 34.9350, 11.1510** is the 20% darker color. If you saturate the color by 10%, you get **176.2470, 51.0730, 16.0410**, and if you desaturate by 10%, it is **207.4330, 23.8860, 7.6460**.

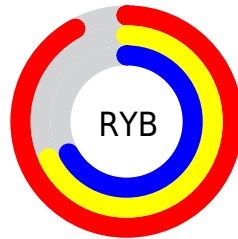
Distribution



Red (92%)

Green (68%)

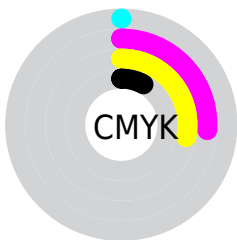
Blue (67%)



Red (92%)

Yellow (68%)

Blue (67%)

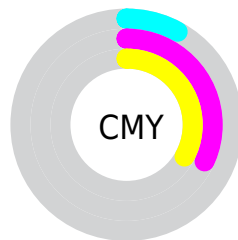


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (8%)



Cyan (8%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.7830, 37.6400, 11.6880 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 191.7830, 37.6400, 11.6880 by changing the saturation by 10% instead.

■ 191.7830, 37.6400,
11.6880

■ 191.7830, 37.6400,
11.6880

255.0000, -0.0000,
-0.0000

■ 164.2990, 36.1270,
11.5750

■ 236.9050, 16.5050,
3.7450

■ 137.7010, 34.9350,
11.1510

254.8860, 0.3210,
-0.3110

■ 111.8040, 33.1470,
10.5150

■ 87.3200, 31.6340,
10.4020

■ 63.1240, 29.2500,
9.5540

■ 40.4550, 26.8200,
9.5400

■ 16.9990, 28.1040,

8.2960

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 191.7830, 37.6400,
11.6880

■ 191.7830, 37.6400,
11.6880

■ 176.2470, 51.0730,
16.0410

■ 207.4330, 23.8860,
7.6460

■ 160.5970, 64.8270,
20.0830

■ 222.9690, 10.4530,
3.2930

■ 145.0610, 78.2600,
24.4360

■ 238.6190, -3.3010,
-0.7490

■ 129.4110, 92.0140,
28.4780

■ 249.0200,
-11.9200, -4.2400

■ 113.8750,
105.4470, 32.8310

■ 98.2250, 119.2010,
36.8730

■ 82.1020, 132.9090,
41.7490

■ 78.4830, 136.2100,
42.4980

Harmonies

Analogous

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



192.9210, 28.7440, 18.7280



191.7830, 37.6400, 11.6880



190.2740, 37.2750, 1.7790

Triad

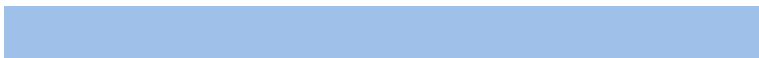
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191.7830, 37.6400, 11.6880



182.9360, -12.2840, -19.6760



186.8070, -32.8290, 5.7550

Complementary

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



191.7830, 37.6400, 11.6880



213.2170, -37.6400, -11.6880

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.



181.7570, -47.7280, -5.0720



191.7830, 37.6400, 11.6880



180.3280, -33.8790, -19.2790

Square

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



191.7830, 37.6400, 11.6880



186.0650, 9.4020, -16.2140



179.0740, -47.5430, -13.9350



190.6250, -11.4650, 15.0550

Rectangle

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



191.7830, 37.6400, 11.6880



188.9370, 30.6740, -5.2460



179.0740, -47.5430, -13.9350



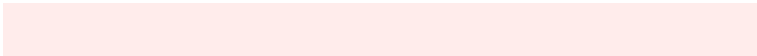
184.8770, -39.0180, 2.2780

Sweetspot

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



191.7830, 37.6400, 11.6880



241.5670, 11.6450, 3.7170



196.5030, 18.8380, 33.0620



119.4740, 7.4730, 2.2330



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.



191.7830, 37.6400, 11.6880



199.0510, 48.6890, 15.1930



210.5670, 28.8400, -5.0480



109.2890, 6.5560, 2.3320



60.5760, 104.8510, 32.6190



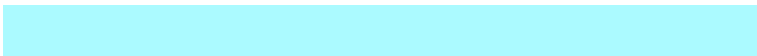
17.9070, 31.3590, 9.8790

Inverse Universe

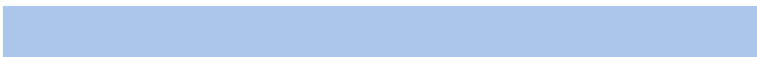
The Inverse Universe completely reimagines the original color for something new.



213.2170, -37.6400, -11.6880



226.9490, -48.6890, -15.1930



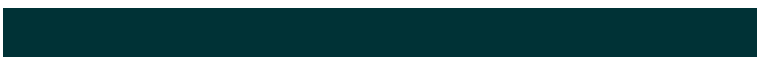
194.4330, -28.8400, 5.0480



113.7110, -6.5560, -2.3320



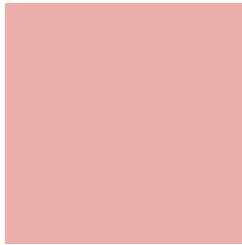
120.4240, -104.8510, -32.6190



35.5060, -31.0840, -9.3560

Previews

White Background



This preview shows how the YIQ color 191.7830, 37.6400, 11.6880 looks on a white background.

Color Contrast Check

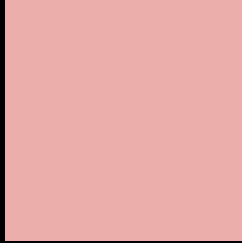
Large Text (above 18pt) WCAG AA × Fail

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 191.7830, 37.6400, 11.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

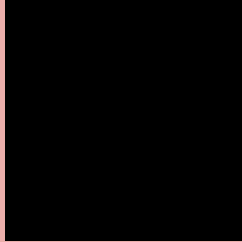
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.7830, 37.6400, 11.6880

Background



This preview shows how black text looks on a background with the YIQ color 191.7830, 37.6400, 11.6880.



This preview shows how white text looks on a background with the YIQ color 191.7830, 37.6400,

11.6880.

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

191.7830, 37.6400, 11.6880

Protanopia

189.5400, 7.1070, -2.1490

Deuteranopia

190.2710, 24.1620, 2.6420



Tritanopia

192.9170, 34.5670, 17.8230

Trichromacy



Original Color

191.7830, 37.6400, 11.6880

Protanomaly

190.7480, 18.3850, 2.7130

Deuteranomaly

190.7170, 28.8380, 6.0060

Tritanomaly

192.6350, 35.3010, 15.5330

Monochromacy



Original Color

191.7830, 37.6400, 11.6880

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.7630, 14.0290, 4.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7830, 37.6400, 11.6880 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(235, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 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(235, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 170) }
```

Border

The CSS property to change the border of an element to YIQ 191.7830, 37.6400, 11.6880 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(235, 174, 170) }
```


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

```
.border{ border-color:rgb(235, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7830, 37.6400, 11.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 170) }
```

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

```
.background{ background-color: rgb(235,  
174, 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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