

Converting Colors

YIQ(195.6370, 40.9870, 11.6030)

Have a look what the booklet for
YIQ(195.6370, 40.9870, 11.6030)
contains.

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Color

**YIQ(195.6370, 40.9870,
11.6030)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2B1AA |
| RGB | 242, 177, 170 |
| RGB Percent | 95%, 69%, 67% |
| CMY | 0.0508, 0.3060, 0.3332 |
| CMYK | 0.00, 0.27, 0.30, 0.05 |
| HSL | 6°, 74%, 81% |
| HSV | 6°, 30%, 95% |
| XYZ | 59.6076, 53.2214, 45.1826 |
| YIQ | 195.6370, 40.9870, 11.6030 |

Conversions

Conversions Part 2

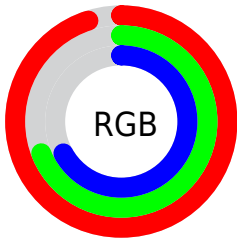
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 178, 170 |
| Decimal | 15905194 |
| CIE Lab | 78.01, 22.78, 12.90 |
| CIE LCh | 78, 26.184, 29.521 |
| Yxy | 53.2214, 0.3772, 0.3368 |
| Android (android.graphics.Color) | 4294095274 (0xFFF2B1AA) |
| YUV | 195.6370, -12.6390, 40.6604 |
| Hunter-Lab | 72.9530, 18.1790, 14.3466 |

Details

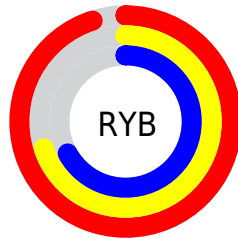
The YIQ color **195.6370, 40.9870, 11.6030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216.3630, -40.9870, -11.6030**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.6660, 15.6800, 2.1760**, and **141.2560, 37.6860, 10.8540** is the 20% darker color. If you saturate the color by 10%, you get **179.9870, 54.7410, 15.6450**, and if you desaturate by 10%, it is **211.2870, 27.2330, 7.5610**.

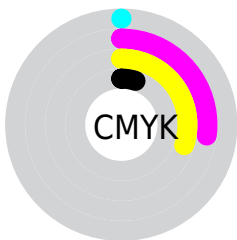
Distribution



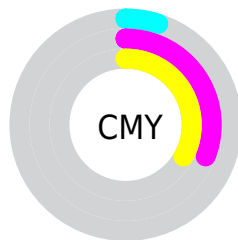
- Red (95%)
- Green (69%)
- Blue (67%)



- Red (95%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (5%)




- Cyan (5%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.6370, 40.9870, 11.6030 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 195.6370, 40.9870, 11.6030 by changing the saturation by 10% instead.


 195.6370, 40.9870,
11.6030

 195.6370, 40.9870,
11.6030


255.0000, -0.0000,
-0.0000


 168.1530, 39.4740,
11.4900


 238.6660, 15.6800,
2.1760


 141.2560, 37.6860,
10.8540

254.8860, 0.3210,
-0.3110

 115.6580, 36.4940,
10.4300

 89.9890, 34.0640,
10.4160

 66.0920, 32.2760,
9.7800

 43.1240, 29.2500,
9.5540

 19.3690, 29.9380,

8.0980

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 195.6370, 40.9870,
11.6030

■ 195.6370, 40.9870,
11.6030

■ 179.9870, 54.7410,
15.6450

■ 211.2870, 27.2330,
7.5610

■ 164.3370, 68.4950,
19.6870

■ 226.9370, 13.4790,
3.5190

■ 148.5730, 82.5700,
23.4180

■ 242.7010, -0.5960,
-0.2120

■ 132.9230, 96.3240,
27.4600

■ 251.1130, -7.7480,
-2.7560

■ 117.8600,
109.8030, 30.9790

■ 102.2100,
123.5570, 35.0210

■ 86.5600, 137.3110,
39.0630

■ 85.8590, 137.9070,
39.2750

Harmonies

Analogous

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



196.6010, 32.6410, 19.6890



195.6370, 40.9870, 11.6030



194.1170, 39.1550, 0.7470

Triad

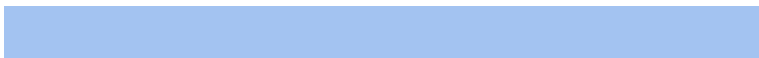
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195.6370, 40.9870, 11.6030



185.8430, -16.4560, -21.1600



190.6760, -33.8380, 7.5220

Complementary

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



195.6370, 40.9870, 11.6030



216.3630, -40.9870, -11.6030

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.



185.3160, -50.8000, -4.4640



195.6370, 40.9870, 11.6030



183.1640, -39.2890, -20.3530

Square

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



195.6370, 40.9870, 11.6030



189.2280, 7.3850, -18.2070



182.0240, -53.2740, -14.6980



195.1630, -10.0440, 16.8360

Rectangle

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



195.6370, 40.9870, 11.6030



192.3670, 32.2790, -6.8010



182.0240, -53.2740, -14.6980



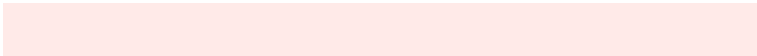
189.0340, -40.8980, 3.3100

Sweetspot

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



195.6370, 40.9870, 11.6030



240.0510, 13.1580, 3.8300



199.0520, 21.7260, 35.7900



118.6590, 8.3900, 2.1340



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.



195.6370, 40.9870, 11.6030



195.7910, 52.3570, 14.7970



216.1820, 31.3620, -6.7020



112.1750, 6.8770, 2.0210



65.5820, 104.7140, 29.5940



19.6790, 32.0010, 9.2570

Inverse Universe

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



216.3630, -40.9870, -11.6030



222.2090, -52.3570, -14.7970



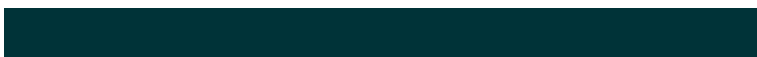
195.8180, -31.3620, 6.7020



115.8250, -6.8770, -2.0210



118.4180, -104.7140, -29.5940



36.3210, -32.0010, -9.2570

Previews

White Background



This preview shows how the YIQ color 195.6370, 40.9870, 11.6030 looks on a white background.

Color Contrast Check

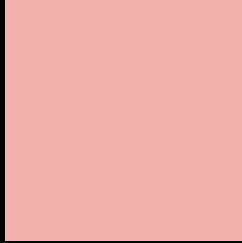
Large Text (above 18pt) WCAG AA × Fail

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 195.6370, 40.9870, 11.6030 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 195.6370, 40.9870, 11.6030

Background



This preview shows how black text looks on a background with the YIQ color 195.6370, 40.9870, 11.6030.



This preview shows how white text looks on a background with the YIQ color 195.6370, 40.9870,

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

195.6370, 40.9870, 11.6030

Protanopia

193.3830, 8.9870, -3.1810

Deuteranopia

194.4130, 26.6380, 1.8220



Tritanopia

196.5260, 37.2260, 19.1940

Trichromacy



Original Color

195.6370, 40.9870, 11.6030

Protanomaly

194.0040, 20.5400, 2.2040

Deuteranomaly

195.1580, 31.9100, 5.3980

Tritanomaly

196.0160, 38.6020, 16.2820

Monochromacy



Original Color

195.6370, 40.9870, 11.6030

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9480, 14.9460, 4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6370, 40.9870, 11.6030 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 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, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 170) }
```

Border

The CSS property to change the border of an element to YIQ 195.6370, 40.9870, 11.6030 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, 177, 170) }
```


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

```
.border{ border-color:rgb(242, 177, 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, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6370, 40.9870, 11.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 170) }
```

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

```
.background{ background-color: rgb(242,  
177, 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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