

Converting Colors

YIQ(202.2400, 43.7830, 15.9990)

Have a look what the booklet for
YIQ(202.2400, 43.7830, 15.9990)
contains.

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Color

**YIQ(202.2400, 43.7830,
15.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB4B5
RGB	254, 180, 181
RGB Percent	100%, 71%, 71%
CMY	0.0037, 0.2942, 0.2900
CMYK	0.00, 0.29, 0.29, 0.00
HSL	359°, 97%, 85%
HSV	359°, 29%, 100%
XYZ	65.5495, 57.0473, 51.2962
YIQ	202.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

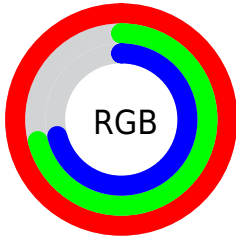
Format	Color
R_{YB}	254, 180, 181
Decimal	16692405
CIE Lab	80.21, 27.07, 10.25
CIE LCh	80, 28.948, 20.739
Yxy	57.0473, 0.3770, 0.3281
Android (android.graphics.Color)	4294882485 (0xFFFE ^B 4B5)
YUV	202.2400, -10.4713, 45.3935
Hunter-Lab	75.5297, 22.7370, 12.6038

Details

The YIQ color **202.2400, 43.7830, 15.9990** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **231.7600, -43.7830, -15.9990**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7950, 11.0030, 4.3390**, and **147.7450, 40.8030, 14.9390** is the 20% darker color. If you saturate the color by 10%, you get **184.7150, 58.6830, 21.2990**, and if you desaturate by 10%, it is **219.7650, 28.8830, 10.6990**.

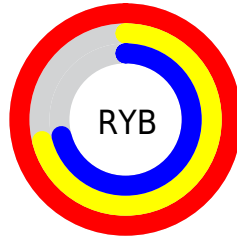
Distribution



Red (100%)

Green (71%)

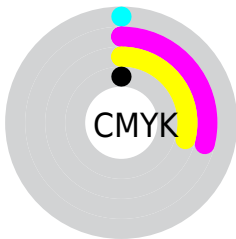
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

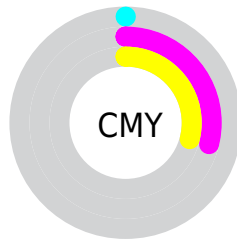


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.2400, 43.7830, 15.9990 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 202.2400, 43.7830, 15.9990 by changing the saturation by 10% instead.

 202.2400, 43.7830,
15.9990


 202.2400, 43.7830,
15.9990


255.0000, -0.0000,
-0.0000


 174.6420, 42.5910,
15.5750


 241.7950, 11.0030,
4.3390

 147.7450, 40.8030,
14.9390

 121.2610, 39.2900,
14.8260

 95.4780, 37.1810,
14.5010

 71.2820, 34.7970,
13.6530

 47.0260, 32.6420,
14.1620

 22.7700, 30.4870,

14.6710

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,
0.0000

■ 202.2400, 43.7830,
15.9990

■ 202.2400, 43.7830,
15.9990

■ 184.7150, 58.6830,
21.2990

■ 219.7650, 28.8830,
10.6990

■ 166.6030, 73.8580,
27.1220

■ 237.8770, 13.7080,
4.8760

■ 149.0780, 88.7580,
32.4220

254.7010, -0.5960,
-0.2120

■ 130.9660,
103.9330, 38.2450

■ 113.4410,
118.8330, 43.5450

■ 95.9160, 133.7330,
48.8450

■ 77.8040, 148.9080,
54.6680

■ 76.4020, 150.1000,
55.0920

Harmonies

Analogous

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



203.2250, 30.9440, 22.9120



202.2400, 43.7830, 15.9990



200.7480, 44.7480, 4.0120

Triad

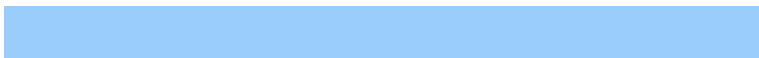
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



202.2400, 43.7830, 15.9990



192.1980, -10.2660, -23.2100



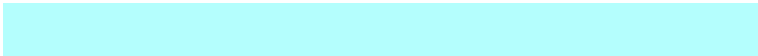
194.5220, -45.2080, 4.3280

Complementary

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



202.2400, 43.7830, 15.9990



231.7600, -43.7830, -15.9990

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.



188.5920, -60.5650, -9.2130



202.2400, 43.7830, 15.9990



188.7250, -36.6750, -23.6750

Square

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



202.2400, 43.7830, 15.9990



195.5340, 15.2710, -17.9530



186.2360, -56.9870, -18.9950



200.2590, -19.1220, 16.1580

Rectangle

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



202.2400, 43.7830, 15.9990



199.0690, 39.1100, -3.9460



186.2360, -56.9870, -18.9950



192.3530, -52.2220, -0.7180

Sweetspot

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



202.2400, 43.7830, 15.9990



238.8770, 13.7080, 4.8760



210.2630, 19.7540, 38.4900



117.5990, 8.6190, 3.4910



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.



202.2400, 43.7830, 15.9990



192.7250, 52.7230, 19.1790



223.2580, 34.2040, -3.1400



118.8870, 7.7480, 2.7560



57.4510, 112.8730, 41.4250



19.2500, 37.8230, 13.8790

Inverse Universe

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



202.2400, 43.7830, 15.9990



192.7250, 52.7230, 19.1790



210.7420, -34.2040, 3.1400



118.8870, 7.7480, 2.7560



57.4510, 112.8730, 41.4250



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 202.2400, 43.7830, 15.9990 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 202.2400, 43.7830, 15.9990 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 202.2400, 43.7830, 15.9990

Background



This preview shows how black text looks on a background with the YIQ color 202.2400, 43.7830, 15.9990.



This preview shows how white text looks on a background with the YIQ color 202.2400, 43.7830,

15.9990.

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

202.2400, 43.7830, 15.9990

Protanopia

199.2950, 6.4190, -0.6930

Deuteranopia

200.6840, 24.4370, 3.1650



Tritanopia

202.6190, 41.3980, 20.6780

Trichromacy



Original Color

202.2400, 43.7830, 15.9990



Protanomaly

200.1120, 20.3560, 5.5400



Deuteranomaly

201.4400, 31.1760, 7.6880



Tritanomaly

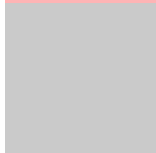
202.7500, 42.4070, 18.9110

Monochromacy



Original Color

202.2400, 43.7830, 15.9990



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

202.0730, 16.0920, 5.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.2400, 43.7830, 15.9990 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(254, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 180, 181)  
}
```

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(254, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 180, 181) }
```

Border

The CSS property to change the border of an element to YIQ 202.2400, 43.7830, 15.9990 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(254, 180, 181) }
```


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

```
.border{ border-color:rgb(254, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 180,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 202.2400, 43.7830, 15.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 180, 181) }
```

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

```
.background{ background-color: rgb(254,  
180, 181) }
```

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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