

Converting Colors

YIQ(203.5340, 42.7750, 12.2390)

Have a look what the booklet for
YIQ(203.5340, 42.7750, 12.2390)
contains.

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Color

**YIQ(203.5340, 42.7750,
12.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB8B1
RGB	252, 184, 177
RGB Percent	99%, 72%, 69%
CMY	0.0116, 0.2785, 0.3057
CMYK	0.00, 0.27, 0.30, 0.01
HSL	6°, 93%, 84%
HSV	6°, 30%, 99%
XYZ	65.2342, 58.1481, 49.4038
YIQ	203.5340, 42.7750, 12.2390

Conversions

Conversions Part 2

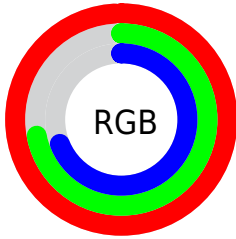
Format	Color
R _Y B	252, 185, 177
Decimal	16562353
CIE Lab	80.82, 23.71, 13.25
CIE LCh	81, 27.162, 29.193
Yxy	58.1481, 0.3775, 0.3365
Android (android.graphics.Color)	4294752433 (0xFFFCB8B1)
YUV	203.5340, -13.0813, 42.5047
Hunter-Lab	76.2549, 19.2563, 14.9658

Details

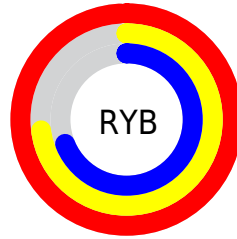
The YIQ color **203.5340, 42.7750, 12.2390** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **225.4660, -42.7750, -12.2390**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.6870, 11.1870, 1.0030**, and **149.0390, 39.7950, 11.1790** is the 20% darker color. If you saturate the color by 10%, you get **187.1830, 57.1250, 16.4930**, and if you desaturate by 10%, it is **219.8850, 28.4250, 7.9850**.

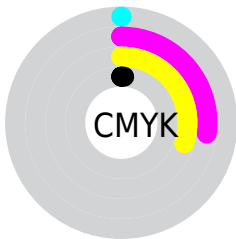
Distribution



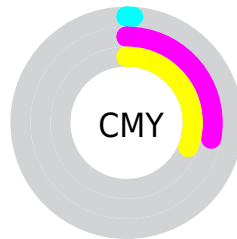
- Red (99%)
- Green (72%)
- Blue (69%)



- Red (99%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (30%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.5340, 42.7750, 12.2390 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 203.5340, 42.7750, 12.2390 by changing the saturation by 10% instead.


 203.5340, 42.7750,
12.2390


 203.5340, 42.7750,
12.2390


255.0000, -0.0000,
-0.0000


 175.9360, 41.5830,
11.8150


 243.6870, 11.1870,
1.0030

 149.1530, 39.4740,
11.4900

 122.6690, 37.9610,
11.3770

 96.8860, 35.8520,
11.0520

 72.9890, 34.0640,
10.4160

 49.0210, 31.0380,
10.1900

 25.4230, 29.8460,

9.7660

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 203.5340, 42.7750,
12.2390

■ 203.5340, 42.7750,
12.2390

■ 187.1830, 57.1250,
16.4930

■ 219.8850, 28.4250,
7.9850

■ 170.8320, 71.4750,
20.7470

■ 236.2360, 14.0750,
3.7310

■ 154.3670, 86.1460,
24.6900

■ 252.7010, -0.5960,
-0.2120

■ 138.0160,
100.4960, 28.9440

■ 254.1030, -1.7880,
-0.6360

■ 122.2520,
114.5710, 32.6750

■ 105.9010,
128.9210, 36.9290

■ 89.5500, 143.2710,
41.1830

■ 88.8490, 143.8670,
41.3950

Harmonies

Analogous

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



204.6120, 34.1080, 20.6360



203.5340, 42.7750, 12.2390



201.6010, 40.6680, 0.8600

Triad

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



203.5340, 42.7750, 12.2390



193.3160, -16.4100, -21.9940



198.3060, -35.6720, 7.7200

Complementary

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



203.5340, 42.7750, 12.2390



225.4660, -42.7750, -12.2390

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.



192.5330, -52.9090, -4.7890



203.5340, 42.7750, 12.2390



190.4520, -40.1600, -21.0880

Square

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



203.5340, 42.7750, 12.2390



197.0000, 8.0270, -18.8290



189.1270, -55.0620, -15.3340



202.8040, -10.4110, 17.9810

Rectangle

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



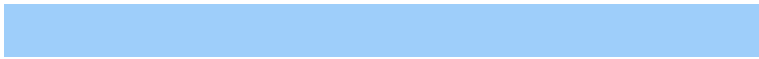
203.5340, 42.7750, 12.2390



200.4380, 33.5170, -7.2110



189.1270, -55.0620, -15.3340



196.6640, -42.7320, 3.5080

Sweetspot

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



203.5340, 42.7750, 12.2390



240.0510, 13.1580, 3.8300



207.2910, 22.5510, 37.3590



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.



203.5340, 42.7750, 12.2390



195.7910, 52.3570, 14.7970



225.2530, 32.6000, -7.1120



117.0610, 7.1980, 1.7100



66.4900, 107.9690, 31.1770



21.7610, 34.7060, 9.7940

Inverse Universe

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



225.4660, -42.7750, -12.2390



222.7960, -52.6320, -15.3200



203.7470, -32.6000, 7.1120



120.5260, -7.4730, -2.2330



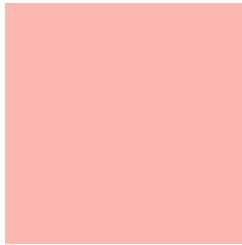
121.9230, -107.6940, -30.6540



39.8260, -34.9810, -10.3170

Previews

White Background



This preview shows how the YIQ color 203.5340, 42.7750, 12.2390 looks on a white background.

Color Contrast Check

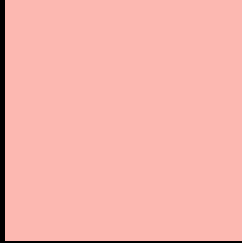
Large Text (above 18pt) WCAG AA × Fail

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 203.5340, 42.7750, 12.2390 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 203.5340, 42.7750, 12.2390

Background



This preview shows how black text looks on a background with the YIQ color 203.5340, 42.7750, 12.2390.



This preview shows how white text looks on a background with the YIQ color 203.5340, 42.7750,

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

203.5340, 42.7750, 12.2390

Protanopia

200.7960, 9.2620, -2.6580

Deuteranopia

202.5980, 27.5550, 1.7230



Tritanopia

204.4230, 39.0140, 19.8300

Trichromacy



Original Color

203.5340, 42.7750, 12.2390

Protanomaly

201.7160, 21.4110, 2.9390

Deuteranomaly

202.7560, 33.1020, 5.8220

Tritanomaly

203.9130, 40.3900, 16.9180

Monochromacy



Original Color

203.5340, 42.7750, 12.2390

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.8340, 15.2670, 4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5340, 42.7750, 12.2390 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(252, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 177)  
}
```

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(252, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 177) }
```

Border

The CSS property to change the border of an element to YIQ 203.5340, 42.7750, 12.2390 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(252, 184, 177) }
```


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

```
.border{ border-color:rgb(252, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5340, 42.7750, 12.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 177) }
```

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

```
.background{ background-color: rgb(252,  
184, 177) }
```

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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