

Converting Colors

YIQ(209.3370, 32.9640, 8.3240)

Have a look what the booklet for
YIQ(209.3370, 32.9640, 8.3240)
contains.

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Color

**YIQ(209.3370, 32.9640,
8.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C3BB
RGB	246, 195, 187
RGB Percent	96%, 76%, 73%
CMY	0.0352, 0.2354, 0.2665
CMYK	0.00, 0.21, 0.24, 0.04
HSL	8°, 77%, 85%
HSV	8°, 24%, 96%
XYZ	66.5001, 62.2081, 55.5358
YIQ	209.3370, 32.9640, 8.3240

Conversions

Conversions Part 2

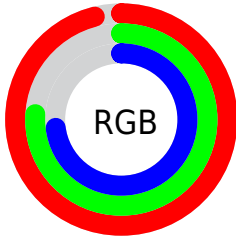
Format	Color
R _Y B	246, 196, 187
Decimal	16171963
CIE Lab	83.02, 17.05, 10.93
CIE LCh	83, 20.256, 32.670
Yxy	62.2081, 0.3609, 0.3376
Android (android.graphics.Color)	4294362043 (0xFFFF6C3BB)
YUV	209.3370, -11.0121, 32.1535
Hunter-Lab	78.8721, 12.4740, 13.4630

Details

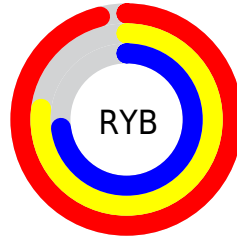
The YIQ color $209.3370, 32.9640, 8.3240$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.6630, -32.9640, -8.3240$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8710, 4.6770, -2.1630$, and $154.5540, 30.8550, 7.9990$ is the 20% darker color. If you saturate the color by 10%, you get $194.1600, 46.7640, 11.5320$, and if you desaturate by 10%, it is $224.5140, 19.1640, 5.1160$.

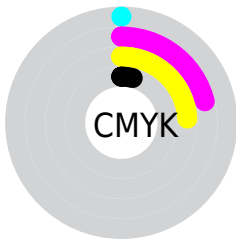
Distribution



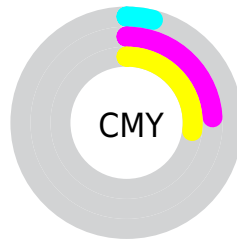
- Red (96%)
- Green (76%)
- Blue (73%)



- Red (96%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.3370, 32.9640, 8.3240 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 209.3370, 32.9640, 8.3240 by changing the saturation by 10% instead.


 209.3370, 32.9640,
8.3240


 209.3370, 32.9640,
8.3240


255.0000, -0.0000,
-0.0000


 181.7390, 31.7720,
7.9000


 251.8710, 4.6770,
-2.1630

 154.5540, 30.8550,
7.9990

 128.0700, 29.3420,
7.8860

 103.0590, 27.8750,
6.9390

 78.5750, 26.3620,
6.8260

 55.0910, 24.8490,
6.7130

 33.0090, 22.1440,

6.1760

■ 11.0630, 22.0520,
7.8440

■ 0.0000, 0.0000,
0.0000

■ 209.3370, 32.9640,
8.3240

■ 209.3370, 32.9640,
8.3240

■ 194.1600, 46.7640,
11.5320

■ 224.5140, 19.1640,
5.1160

■ 178.5100, 60.5180,
15.5740

■ 240.1640, 5.4100,
1.0740

■ 163.3330, 74.3180,
18.7820

■ 252.3090, -5.3640,
-1.9080

■ 148.2700, 87.7970,
22.3010

■ 133.0930,
101.5970, 25.5090

■ 117.3290,
115.6720, 29.2400

■ 102.2660,
129.1510, 32.7590

■ 92.9250, 137.5410,
34.8930

Harmonies

Analogous

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



210.0300, 26.8190, 15.0670



209.3370, 32.9640, 8.3240



208.0990, 30.3980, -0.2420

Triad

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



209.3370, 32.9640, 8.3240



201.2610, -14.5770, -16.6650



206.1240, -23.4760, 6.9560

Complementary

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



209.3370, 32.9640, 8.3240



223.6630, -32.9640, -8.3240

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.



202.0250, -36.6790, -1.5670



209.3370, 32.9640, 8.3240



199.8170, -30.7620, -15.1940

Square

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



209.3370, 32.9640, 8.3240



203.7810, 4.4500, -14.5740



199.9010, -39.5660, -9.8220



208.6210, -5.6420, 14.1500

Rectangle

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



209.3370, 32.9640, 8.3240



206.5880, 24.3470, -6.2210



199.9010, -39.5660, -9.8220



204.9060, -28.7940, 4.2140

Sweetspot

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



209.3370, 32.9640, 8.3240



244.1430, 9.9030, 2.2470



210.4550, 18.7930, 28.3690



121.4630, 6.0060, 1.2860



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.



209.3370, 32.9640, 8.3240



208.9960, 41.3540, 10.4580



226.3600, 24.9890, -6.8430



114.7620, 6.6020, 1.4980



70.2890, 103.9810, 26.3570



22.3370, 32.9640, 8.3240

Inverse Universe

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



223.6630, -32.9640, -8.3240



227.0040, -41.3540, -10.4580



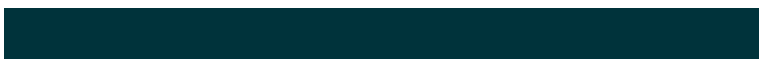
206.6400, -24.9890, 6.8430



117.8250, -6.8770, -2.0210



115.7110, -103.9810, -26.3570



36.6630, -32.9640, -8.3240

Previews

White Background



This preview shows how the YIQ color 209.3370, 32.9640, 8.3240 looks on a white background.

Color Contrast Check

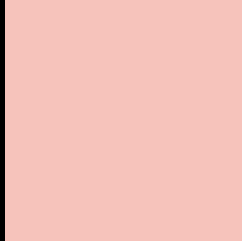
Large Text (above 18pt) WCAG AA × Fail

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 209.3370, 32.9640, 8.3240 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 209.3370, 32.9640, 8.3240

Background



This preview shows how black text looks on a background with the YIQ color 209.3370, 32.9640, 8.3240.



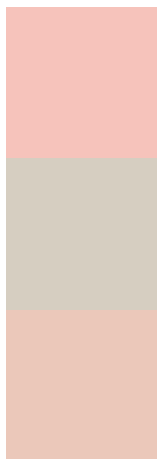
This preview shows how white text looks on a background with the YIQ color 209.3370, 32.9640,

8.3240.

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

209.3370, 32.9640, 8.3240

Protanopia

206.9100, 8.9410, -2.3470

Deuteranopia

208.8690, 25.3540, 3.0660



Tritanopia

210.4540, 28.5610, 16.5370

Trichromacy



Original Color

209.3370, 32.9640, 8.3240

Protanomaly

207.9220, 17.8350, 1.6670

Deuteranomaly

208.8910, 28.2880, 4.9600

Tritanomaly

209.9440, 29.9370, 13.6250

Monochromacy



Original Color

209.3370, 32.9640, 8.3240

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0400, 11.6910, 2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.3370, 32.9640, 8.3240 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(246, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(246, 195, 187)  
}
```

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(246, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 187) }
```

Border

The CSS property to change the border of an element to YIQ 209.3370, 32.9640, 8.3240 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(246, 195, 187) }
```


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

```
.border{ border-color:rgb(246, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 209.3370, 32.9640, 8.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 187) }
```

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

```
.background{ background-color: rgb(246,  
195, 187) }
```

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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