

Converting Colors

YIQ(204.4330, 33.0540, 17.7100)

Have a look what the booklet for
YIQ(204.4330, 33.0540, 17.7100)
contains.

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Color

**YIQ(204.4330, 33.0540,
17.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B8C6
RGB	247, 184, 198
RGB Percent	97%, 72%, 78%
CMY	0.0312, 0.2785, 0.2234
CMYK	0.00, 0.26, 0.20, 0.03
HSL	347°, 80%, 85%
HSV	347°, 26%, 97%
XYZ	65.7036, 58.1301, 61.2019
YIQ	204.4330, 33.0540, 17.7100

Conversions

Conversions Part 2

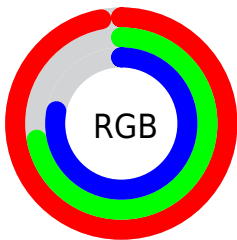
Format	Color
RYB	247, 184, 198
Decimal	16234694
CIELab	80.81, 24.81, 1.86
CIElCh	81, 24.880, 4.286
Yxy	58.1301, 0.3551, 0.3142
Android (android.graphics.Color)	4294424774 (0xFFFF7B8C6)
YUV	204.4330, -3.1715, 37.3313
Hunter-Lab	76.2431, 20.3995, 5.7769

Details

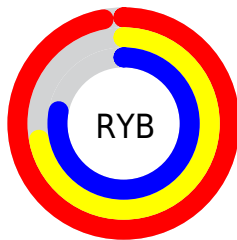
The YIQ color **204.4330, 33.0540, 17.7100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **226.5670, -33.0540, -17.7100**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.1950, 4.1250, 7.8450**, and **150.1230, 30.9910, 16.5510** is the 20% darker color. If you saturate the color by 10%, you get **187.5920, 46.0280, 24.8760**, and if you desaturate by 10%, it is **221.2740, 20.0800, 10.5440**.

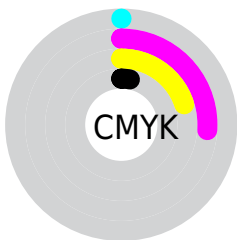
Distribution



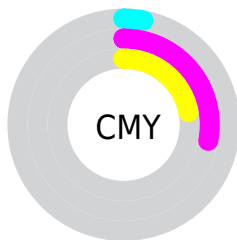
- Red (97%)
- Green (72%)
- Blue (78%)



- Red (97%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.4330, 33.0540, 17.7100 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 204.4330, 33.0540, 17.7100 by changing the saturation by 10% instead.


 204.4330, 33.0540,
17.7100


 204.4330, 33.0540,
17.7100


255.0000, -0.0000,
-0.0000


 176.8350, 31.8620,
17.2860


 246.1950, 4.1250,
7.8450

 149.5360, 31.2660,
17.0740

 123.6390, 29.4780,
16.4380

 98.0410, 28.2860,
16.0140

 74.0300, 26.8190,
15.0670

 50.2470, 24.7100,
14.7420

 27.1760, 23.4720,

15.1520

■ 12.0740, 23.5190,
8.7910

■ 0.0000, 0.0000,
0.0000

■ 204.4330, 33.0540,
17.7100

■ 204.4330, 33.0540,
17.7100

■ 187.5920, 46.0280,
24.8760

■ 221.2740, 20.0800,
10.5440

■ 171.3380, 58.7270,
31.5190

■ 237.5280, 7.3810,
3.9010

■ 154.3830, 72.0220,
38.3740

■ 252.6080, -4.7680,
-1.6960

■ 137.5420, 84.9960,
45.5400

■ 120.7010, 97.9700,
52.7060

■ 104.4470,
110.6690, 59.3490

■ 87.6060, 123.6430,
66.5150

■ 80.1230, 129.5570,
69.4690

Harmonies

Analogous

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



204.9290, 17.0980, 20.5380



204.4330, 33.0540, 17.7100



202.9850, 39.8870, 9.5110

Triad

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



204.4330, 33.0540, 17.7100



196.4880, 3.7170, -17.8110



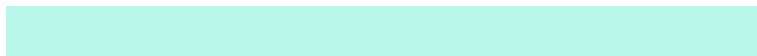
194.2350, -46.0780, -1.9340

Complementary

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



204.4330, 33.0540, 17.7100



226.5670, -33.0540, -17.7100

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.



191.1600, -50.6610, -12.4930



204.4330, 33.0540, 17.7100



193.7010, -18.9320, -20.3400

Square

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



204.4330, 33.0540, 17.7100



199.2410, 23.7060, -11.1260



191.2180, -39.3810, -18.6850



199.9540, -28.7490, 8.9070

Rectangle

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



204.4330, 33.0540, 17.7100



202.2850, 38.7420, 2.7260



191.2180, -39.3810, -18.6850



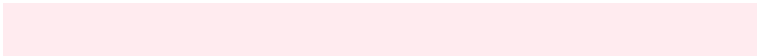
192.8600, -49.5160, -5.7080

Sweetspot

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



204.4330, 33.0540, 17.7100



241.4360, 10.6360, 5.4840



205.5340, 8.3850, 29.7690



119.2290, 6.7850, 3.6890



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.



204.4330, 33.0540, 17.7100



201.6730, 41.3060, 22.3460



212.8160, 32.8730, 4.4650



113.9300, 6.1890, 3.4770



60.2880, 97.6950, 52.1830



19.1230, 30.9910, 16.5510

Inverse Universe

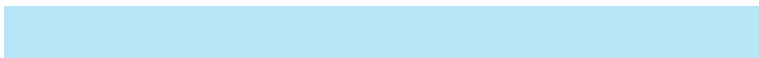
The Inverse Universe completely reimagines the original color for something new.



204.4330, 33.0540, 17.7100



201.6730, 41.3060, 22.3460



218.1840, -32.8730, -4.4650



113.9300, 6.1890, 3.4770



60.2880, 97.6950, 52.1830



19.1230, 30.9910, 16.5510

Previews

White Background



This preview shows how the YIQ color 204.4330, 33.0540, 17.7100 looks on a white background.

Color Contrast Check

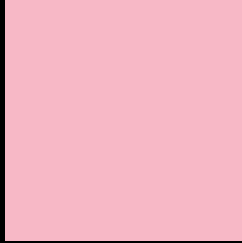
Large Text (above 18pt) WCAG AA × Fail

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 204.4330, 33.0540, 17.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

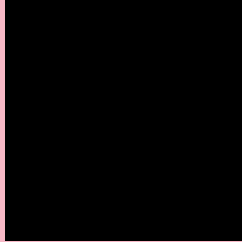
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.4330, 33.0540, 17.7100

Background



This preview shows how black text looks on a background with the YIQ color 204.4330, 33.0540, 17.7100.



This preview shows how white text looks on a background with the YIQ color 204.4330, 33.0540,

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

204.4330, 33.0540, 17.7100

Protanopia

201.6950, -0.4590, 2.8130

Deuteranopia

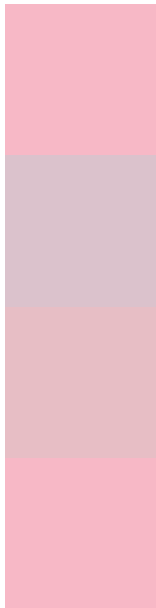
202.6000, 16.0460, 6.5580



Tritanopia

204.4330, 33.0540, 17.7100

Trichromacy



Original Color

204.4330, 33.0540, 17.7100

Protanomaly

202.6150, 11.6900, 8.4100

Deuteranomaly

203.0570, 22.1890, 10.8690

Tritanomaly

204.4330, 33.0540, 17.7100

Monochromacy



Original Color

204.4330, 33.0540, 17.7100

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.4470, 12.1030, 6.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4330, 33.0540, 17.7100 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(247, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 198)  
}
```

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(247, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 198) }
```

Border

The CSS property to change the border of an element to YIQ 204.4330, 33.0540, 17.7100 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(247, 184, 198) }
```


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

```
.border{ border-color:rgb(247, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4330, 33.0540, 17.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 198) }
```

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

```
.background{ background-color: rgb(247,  
184, 198) }
```

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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