

Converting Colors

YIQ(208.2580, 43.3720, 6.9240)

Have a look what the booklet for
YIQ(208.2580, 43.3720, 6.9240)
contains.

YIQ(208.2580, 43.3720, 6.9240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(208.2580, 43.3720,
6.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC0AC
RGB	254, 192, 172
RGB Percent	100%, 75%, 67%
CMY	0.0038, 0.2471, 0.3253
CMYK	0.00, 0.24, 0.32, 0.00
HSL	15°, 98%, 84%
HSV	15°, 32%, 100%
XYZ	67.1806, 61.7455, 47.4311
YIQ	208.2580, 43.3720, 6.9240

Conversions

Conversions Part 2

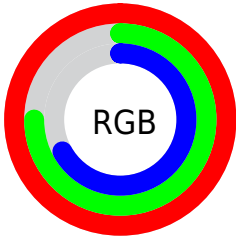
Format	Color
R_{YB}	254, 198, 172
Decimal	16695468
CIE _{Lab}	82.78, 19.62, 18.70
CIE _{LCh}	83, 27.102, 43.617
Yxy	61.7455, 0.3809, 0.3501
Android (android.graphics.Color)	4294885548 (0xFFFE0AC)
YUV	208.2580, -17.8752, 40.1157
Hunter-Lab	78.5783, 15.0965, 19.2165

Details

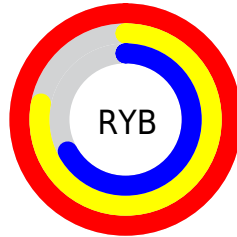
The YIQ color $208.2580, 43.3720, 6.9240$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.7420, -43.3720, -6.9240$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.2860, 10.6380, -5.5700$, and $153.2900, 40.3460, 6.6980$ is the 20% darker color. If you saturate the color by 10%, you get $194.2550, 56.6220, 9.0860$, and if you desaturate by 10%, it is $222.2610, 30.1220, 4.7620$.

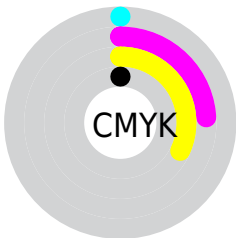
Distribution



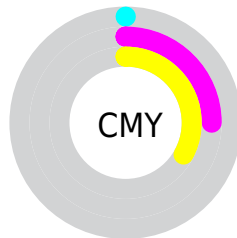
- Red (100%)
- Green (75%)
- Blue (67%)



- Red (100%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.2580, 43.3720, 6.9240 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 208.2580, 43.3720, 6.9240 by changing the saturation by 10% instead.


 208.2580, 43.3720,
6.9240


 208.2580, 43.3720,
6.9240


255.0000, -0.0000,
-0.0000


 180.6600, 42.1800,
6.5000


 248.2860, 10.6380,
-5.5700

 153.2900, 40.3460,
6.6980

 127.3930, 38.5580,
6.0620

 101.6100, 36.4490,
5.7370

 76.9410, 34.0190,
5.7230

 53.7450, 31.6350,
4.8750

 30.5060, 30.8100,

3.3060

■ 11.6610, 23.2440,
8.2680

■ 0.0000, 0.0000,
0.0000

■ 208.2580, 43.3720,
6.9240

■ 208.2580, 43.3720,
6.9240

■ 194.2550, 56.6220,
9.0860

■ 222.2610, 30.1220,
4.7620

■ 180.1380, 70.1930,
10.9370

■ 236.3780, 16.5510,
2.9110

■ 165.5480, 83.7180,
13.6220

■ 250.9680, 3.0260,
0.2260

■ 151.4310, 97.2890,
15.4730

■ 254.7010, -0.5960,
-0.2120

■ 137.4280,
110.5390, 17.6350

■ 123.4250,
123.7890, 19.7970

■ 112.3400,
134.3340, 21.4220

Harmonies

Analogous

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



208.8310, 37.6850, 16.3810



208.2580, 43.3720, 6.9240



206.5740, 36.1300, -5.0060

Triad

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



208.2580, 43.3720, 6.9240



196.9710, -28.5600, -22.0640



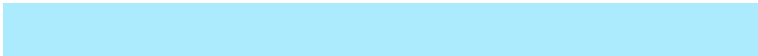
205.9270, -24.1190, 13.1050

Complementary

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



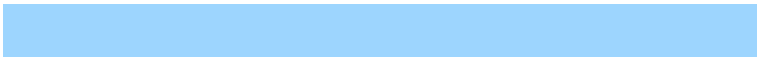
208.2580, 43.3720, 6.9240



217.7420, -43.3720, -6.9240

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.



200.9300, -46.5370, 0.8790



208.2580, 43.3720, 6.9240



195.1290, -49.3760, -19.2640

Square

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



208.2580, 43.3720, 6.9240



200.4870, -3.7100, -20.8780



195.6910, -56.5300, -10.7540



210.0290, 2.1970, 20.7650

Rectangle

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



208.2580, 43.3720, 6.9240



204.3830, 26.1820, -11.9460



195.6910, -56.5300, -10.7540



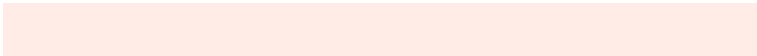
204.3990, -31.5000, 9.2040

Sweetspot

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



208.2580, 43.3720, 6.9240



240.9970, 13.2500, 2.1620



203.7000, 28.6490, 36.9770



119.1320, 8.4360, 1.3000



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.



208.2580, 43.3720, 6.9240



199.6890, 52.4040, 8.4360



231.7380, 32.3720, -13.9960



120.6480, 6.9230, 1.1870



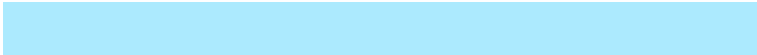
84.1110, 101.1860, 16.4340



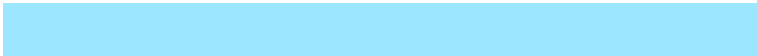
27.9410, 34.0190, 5.7230

Inverse Universe

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



217.7420, -43.3720, -6.9240



211.3110, -52.4040, -8.4360



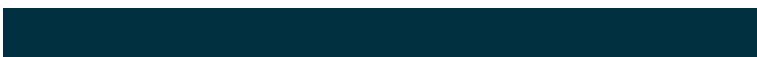
194.2620, -32.3720, 13.9960



121.7650, -6.6480, -0.6640



106.8890, -101.1860, -16.4340



35.4720, -33.7440, -5.2000

Previews

White Background



This preview shows how the YIQ color 208.2580, 43.3720, 6.9240 looks on a white background.

Color Contrast Check

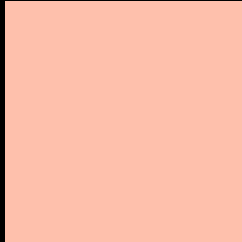
Large Text (above 18pt) WCAG AA × Fail

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 208.2580, 43.3720, 6.9240 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 208.2580, 43.3720, 6.9240

Background



This preview shows how black text looks on a background with the YIQ color 208.2580, 43.3720, 6.9240.



This preview shows how white text looks on a background with the YIQ color 208.2580, 43.3720,

6.9240.

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

208.2580, 43.3720, 6.9240

Protanopia

205.9120, 14.6270, -6.2770

Deuteranopia

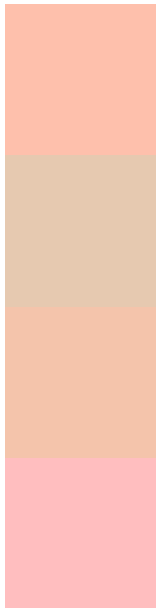
207.1810, 33.1030, 0.2950



Tritanopia

210.2160, 35.1630, 18.0350

Trichromacy



Original Color

208.2580, 43.3720, 6.9240

Protanomaly

206.8210, 25.3090, -1.6270

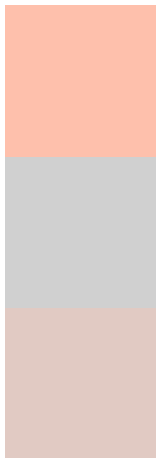
Deuteranomaly

207.5020, 36.6330, 2.4010

Tritanomaly

209.5490, 38.4190, 14.0910

Monochromacy



Original Color

208.2580, 43.3720, 6.9240

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0790, 15.9550, 2.6990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.2580, 43.3720, 6.9240 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, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 172)  
}
```

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, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 172) }
```

Border

The CSS property to change the border of an element to YIQ 208.2580, 43.3720, 6.9240 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, 192, 172) }
```


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

```
.border{ border-color:rgb(254, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 208.2580, 43.3720, 6.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 172) }
```

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

```
.background{ background-color: rgb(254,  
192, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor