

Converting Colors

YIQ(208.1170, 39.1550, 0.7470)

Have a look what the booklet for
YIQ(208.1170, 39.1550, 0.7470)
contains.

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Color

**YIQ(208.1170, 39.1550,
0.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C5A6
RGB	246, 197, 166
RGB Percent	96%, 77%, 65%
CMY	0.0352, 0.2275, 0.3488
CMYK	0.00, 0.20, 0.33, 0.04
HSL	23°, 82%, 81%
HSV	23°, 33%, 96%
XYZ	64.8634, 62.2753, 44.7001
YIQ	208.1170, 39.1550, 0.7470

Conversions

Conversions Part 2

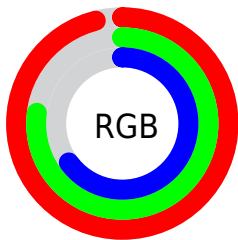
Format	Color
R _Y B	246, 217, 166
Decimal	16172454
CIE Lab	83.06, 13.23, 22.15
CIE LCh	83, 25.797, 59.156
Yxy	62.2753, 0.3775, 0.3624
Android (android.graphics.Color)	4294362534 (0xFFFF6C5A6)
YUV	208.1170, -20.7637, 33.2234
Hunter-Lab	78.9147, 8.6162, 21.6563

Details

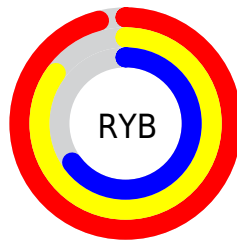
The YIQ color $208.1170, 39.1550, 0.7470$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.8830, -39.1550, -0.7470$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.5370, 11.1890, -10.0510$, and $153.1490, 36.1290, 0.5210$ is the 20% darker color. If you saturate the color by 10%, you get $196.4620, 51.3050, 0.8170$, and if you desaturate by 10%, it is $219.7720, 27.0050, 0.6770$.

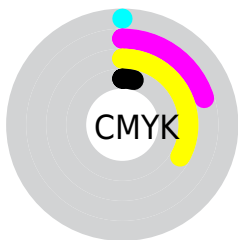
Distribution



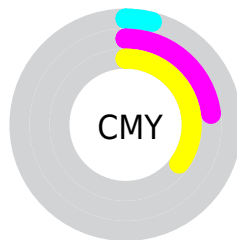
- Red (96%)
- Green (77%)
- Blue (65%)



- Red (96%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.1170, 39.1550, 0.7470 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 208.1170, 39.1550, 0.7470 by changing the saturation by 10% instead.


 208.1170, 39.1550,
0.7470


 208.1170, 39.1550,
0.7470


255.0000, -0.0000,
-0.0000


 180.6330, 37.6420,
0.6340


 250.5370, 11.1890,
-10.0510


 153.1490, 36.1290,
0.5210

 254.4300, 1.6050,
-1.5550

 127.5510, 34.9370,
0.0970

 101.8820, 32.5070,
0.0830

 77.3980, 30.9940,
-0.0300

 54.3160, 28.2890,
-0.5670

 31.7180, 27.0970,

-0.9910

■ 10.1660, 20.2640,
7.2080

■ 0.0000, 0.0000,
0.0000

■ 208.1170, 39.1550,
0.7470

■ 208.1170, 39.1550,
0.7470

■ 196.4620, 51.3050,
0.8170

■ 219.7720, 27.0050,
0.6770

■ 184.9210, 63.1340,
1.1980

■ 231.3130, 15.1760,
0.2960

■ 173.2660, 75.2840,
1.2680

■ 242.9680, 3.0260,
0.2260

■ 161.7250, 87.1130,
1.6490

■ 252.3090, -5.3640,
-1.9080

■ 150.0700, 99.2630,
1.7190

■ 137.8280,
111.6880, 2.3120

■ 129.3190,
120.4910, 2.4670

Harmonies

Analogous

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



209.3380, 40.3910, 11.3910



208.1170, 39.1550, 0.7470



206.0350, 27.2820, -9.8540

Triad

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



208.1170, 39.1550, 0.7470



197.3490, -38.3720, -20.4520



209.1630, -10.0440, 16.8360

Complementary

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



208.1170, 39.1550, 0.7470



203.8830, -39.1550, -0.7470

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.



204.6760, -33.8380, 7.5220



208.1170, 39.1550, 0.7470



196.6220, -52.0820, -14.2740

Square

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



208.1170, 39.1550, 0.7470



200.0280, -15.5390, -21.2590



199.6150, -50.2040, -4.2520



210.9010, 14.3010, 21.6690

Rectangle

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



208.1170, 39.1550, 0.7470



204.1150, 15.1330, -15.4510



199.6150, -50.2040, -4.2520



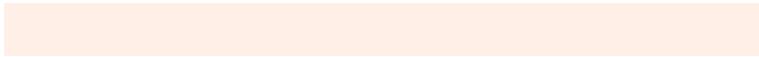
207.9770, -18.3880, 13.8680

Sweetspot

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



208.1170, 39.1550, 0.7470



242.7580, 12.4250, 0.5930



195.5060, 31.9510, 32.1990



120.3060, 7.8860, 0.2540



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

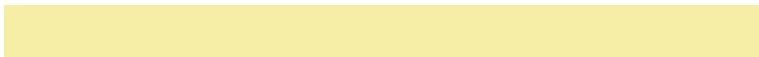
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208.1170, 39.1550, 0.7470



207.9070, 48.5540, 1.1140



231.5970, 28.1550, -20.1730



116.5230, 5.7770, -0.0710



97.8780, 91.0560, 1.7760



31.1420, 28.8390, 0.4790

Inverse Universe

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



203.8830, -39.1550, -0.7470



203.0930, -48.5540, -1.1140



180.4030, -28.1550, 20.1730



116.0640, -6.0520, -0.4520



88.1220, -91.0560, -1.7760



27.8580, -28.8390, -0.4790

Previews

White Background



This preview shows how the YIQ color 208.1170, 39.1550, 0.7470 looks on a white background.

Color Contrast Check

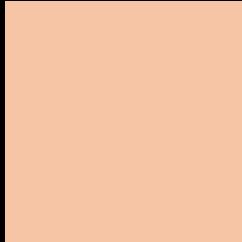
Large Text (above 18pt) WCAG AA × Fail

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 208.1170, 39.1550, 0.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

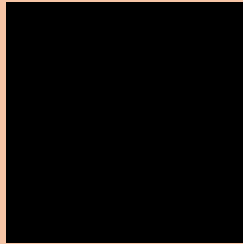
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.1170, 39.1550, 0.7470

Background



This preview shows how black text looks on a background with the YIQ color 208.1170, 39.1550, 0.7470.



This preview shows how white text looks on a background with the YIQ color 208.1170, 39.1550,

0.7470.

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

208.1170, 39.1550, 0.7470

Protanopia

206.4840, 18.7080, -8.6520

Deuteranopia

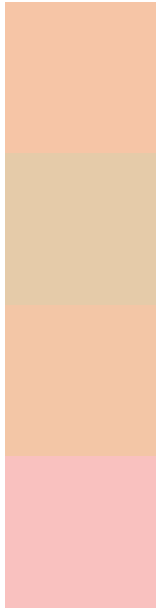
207.7960, 35.6250, -1.3590



Tritanopia

210.3510, 30.3490, 17.1730

Trichromacy



Original Color

208.1170, 39.1550, 0.7470

Protanomaly

206.8980, 26.4100, -5.0620

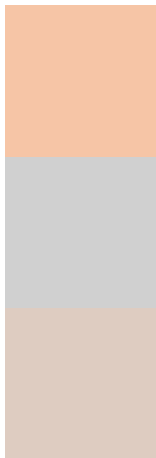
Deuteranomaly

207.8070, 37.0920, -0.4120

Tritanomaly

209.5160, 34.0180, 11.2500

Monochromacy



Original Color

208.1170, 39.1550, 0.7470

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.1280, 14.2590, 0.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.1170, 39.1550, 0.7470 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, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 166)  
}
```

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, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 166) }
```

Border

The CSS property to change the border of an element to YIQ 208.1170, 39.1550, 0.7470 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, 197, 166) }
```


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

```
.border{ border-color:rgb(246, 197, 166) }
```

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

Here you see how a box with a 4 pixel rgb(246, 197, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 208.1170, 39.1550, 0.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 166) }
```

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

```
.background{ background-color: rgb(246,  
197, 166) }
```

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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