

Converting Colors

YIQ(208.0800, 40.5770, -2.9990)

Have a look what the booklet for
YIQ(208.0800, 40.5770, -2.9990)
contains.

YIQ(208.0800, 40.5770, -2.9990)	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(208.0800, 40.5770,
-2.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C79E
RGB	245, 199, 158
RGB Percent	96%, 78%, 62%
CMY	0.0391, 0.2197, 0.3802
CMYK	0.00, 0.19, 0.35, 0.04
HSL	28°, 81%, 79%
HSV	28°, 35%, 96%
XYZ	64.2584, 62.7245, 41.0902
YIQ	208.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

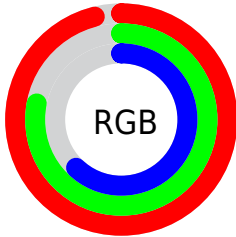
Format	Color
R_{YB}	245, 236, 158
Decimal	16107422
CIE _{Lab}	83.30, 10.83, 26.67
CIE _{LCh}	83, 28.787, 67.903
Yxy	62.7245, 0.3823, 0.3732
Android (android.graphics.Color)	4294297502 (0xFFFF5C79E)
YUV	208.0800, -24.6894, 32.3788
Hunter-Lab	79.1988, 6.2290, 24.6781

Details

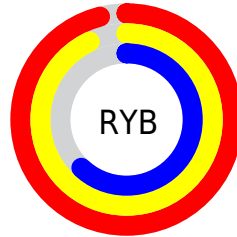
The YIQ color **208.0800, 40.5770, -2.9990** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **194.9200, -40.5770, 2.9990**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.2120, 13.4820, -13.0620**, and **153.1120, 37.5510, -3.2250** is the 20% darker color. If you saturate the color by 10%, you get **197.7130, 51.8560, -3.6640**, and if you desaturate by 10%, it is **218.5610, 28.9770, -2.0230**.

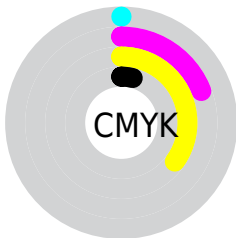
Distribution



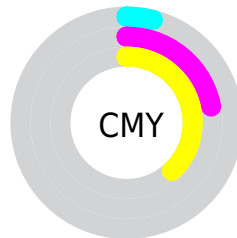
- Red (96%)
- Green (78%)
- Blue (62%)



- Red (96%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.0800, 40.5770, -2.9990 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 208.0800, 40.5770, -2.9990 by changing the saturation by 10% instead.


 208.0800, 40.5770,
-2.9990

 208.0800, 40.5770,
-2.9990


255.0000, -0.0000,
-0.0000


 180.5960, 39.0640,
-3.1120


 250.2120, 13.4820,
-13.0620


 153.1120, 37.5510,
-3.2250

 253.4040, 4.4940,
-4.3540

 126.7420, 35.7170,
-3.0270

 101.8450, 33.9290,
-3.6630

 77.4750, 32.0950,
-3.4650

 54.2790, 29.7110,
-4.3130

 32.2940, 25.3550,

-2.4610

■ 11.3290, 18.2470,
5.2150

■ 0.0000, 0.0000,
0.0000

■ 208.0800, 40.5770,
-2.9990

■ 208.0800, 40.5770,
-2.9990

■ 197.7130, 51.8560,
-3.6640

■ 218.5610, 28.9770,
-2.0230

■ 187.2320, 63.4560,
-4.6400

■ 228.9280, 17.6980,
-1.3580

■ 176.8650, 74.7350,
-5.3050

■ 239.4090, 6.0980,
-0.3820

■ 166.3840, 86.3350,
-6.2810

■ 249.6620, -4.8600,
-0.0280

■ 156.0170, 97.6140,
-6.9460

■ 252.0100, -5.9600,
-2.1200

■ 145.5360,
109.2140, -7.9220

■ 140.7600,
114.3950, -8.2050

Harmonies

Analogous

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



208.3120, 43.2800, 8.5920



208.0800, 40.5770, -2.9990



205.4320, 24.4860, -14.2500

Triad

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



208.0800, 40.5770, -2.9990



195.6620, -49.5590, -21.4550



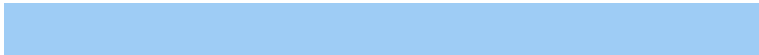
210.8050, -2.9840, 21.0480

Complementary

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



208.0800, 40.5770, -2.9990



194.9200, -40.5770, 2.9990

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.



206.1820, -29.3910, 9.5290



208.0800, 40.5770, -2.9990



195.6580, -60.9310, -13.5950

Square

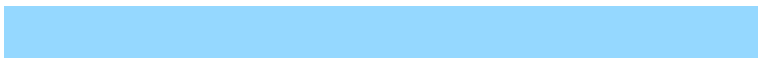
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



208.0800, 40.5770, -2.9990



198.4720, -25.7170, -24.0290



200.4130, -52.4510, -2.0750



212.2610, 22.0950, 23.5910

Rectangle

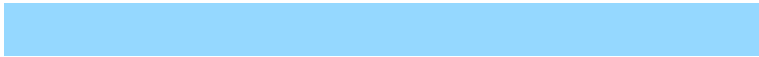
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



208.0800, 40.5770, -2.9990



203.8430, 9.9070, -19.8610



200.4130, -52.4510, -2.0750



209.5480, -12.5660, 18.4900

Sweetspot

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



208.0800, 40.5770, -2.9990



243.0030, 13.1130, -0.8630



189.2570, 37.0860, 32.7500



120.7790, 7.9320, -0.5800



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.



208.0800, 40.5770, -2.9990



208.4140, 51.2600, -3.8760



233.3210, 28.7520, -25.4880



117.1100, 5.5020, -0.5940



107.2700, 86.6560, -6.5920



34.0770, 27.4640, -2.1360

Inverse Universe

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



194.9200, -40.5770, 2.9990



191.5860, -51.2600, 3.8760



169.6790, -28.7520, 25.4880



115.4770, -5.7770, 0.0710



79.3170, -86.9310, 6.0690



24.9230, -27.4640, 2.1360

Previews

White Background



This preview shows how the YIQ color 208.0800, 40.5770, -2.9990 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 208.0800, 40.5770, -2.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

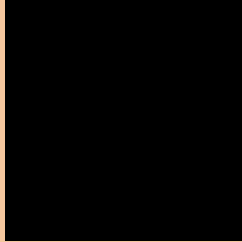
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.0800, 40.5770, -2.9990

Background



This preview shows how black text looks on a background with the YIQ color 208.0800, 40.5770, -2.9990.



This preview shows how white text looks on a background with the YIQ color 208.0800, 40.5770,

-2.9990.

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

208.0800, 40.5770, -2.9990

Protanopia

206.0560, 22.7890, -11.0270

Deuteranopia

207.7810, 39.9810, -3.2110



Tritanopia

211.0520, 29.7530, 16.9610

Trichromacy



Original Color

208.0800, 40.5770, -2.9990

Protanomaly

206.8720, 29.2990, -7.8610

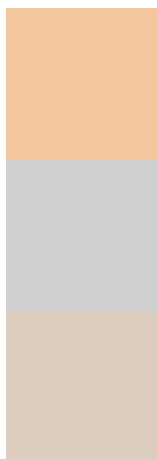
Deuteranomaly

207.7810, 39.9810, -3.2110

Tritanomaly

210.1630, 33.5140, 9.3700

Monochromacy



Original Color

208.0800, 40.5770, -2.9990

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0740, 14.3510, -1.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0800, 40.5770, -2.9990 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(245, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 158)  
}
```

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(245, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 158) }
```

Border

The CSS property to change the border of an element to YIQ 208.0800, 40.5770, -2.9990 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(245, 199, 158) }
```


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

```
.border{ border-color:rgb(245, 199, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(245, 199,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0800, 40.5770, -2.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 158) }
```

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

```
.background{ background-color: rgb(245,  
199, 158) }
```

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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