

Converting Colors

YIQ(207.2950, 49.9770, -8.1590)

Have a look what the booklet for
YIQ(207.2950, 49.9770, -8.1590)
contains.

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Color

**YIQ(207.2950, 49.9770,
-8.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC78A
RGB	250, 199, 138
RGB Percent	98%, 78%, 54%
CMY	0.0195, 0.2197, 0.4586
CMYK	0.00, 0.20, 0.45, 0.02
HSL	33°, 92%, 76%
HSV	33°, 45%, 98%
XYZ	64.4424, 63.0016, 32.8326
YIQ	207.2950, 49.9770, -8.1590

Conversions

Conversions Part 2

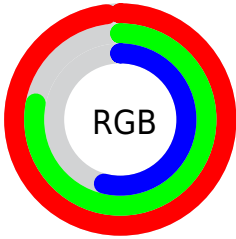
Format	Color
R _Y B	232, 250, 138
Decimal	16435082
CIE Lab	83.44, 10.62, 37.34
CIE LCh	83, 38.819, 74.126
Yxy	63.0016, 0.4021, 0.3931
Android (android.graphics.Color)	4294625162 (0xFFFA C78A)
YUV	207.2950, -34.1624, 37.4523
Hunter-Lab	79.3736, 6.0182, 31.0364

Details

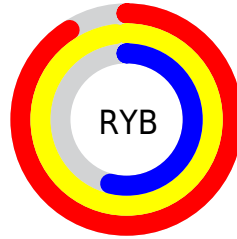
The YIQ color **207.2950, 49.9770, -8.1590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **180.7050, -49.9770, 8.1590**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.8180, 20.2230, -19.5930**, and **152.1420, 46.0340, -8.2860** is the 20% darker color. If you saturate the color by 10%, you get **197.9880, 61.0270, -10.1810**, and if you desaturate by 10%, it is **216.6020, 38.9270, -6.1370**.

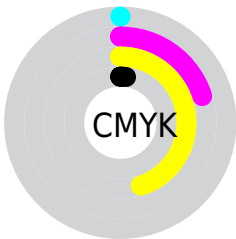
Distribution



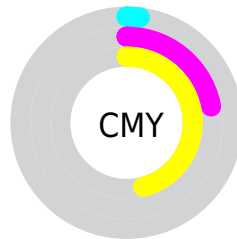
- Red (98%)
- Green (78%)
- Blue (54%)



- Red (91%)
- Yellow (98%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.2950, 49.9770, -8.1590 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 207.2950, 49.9770, -8.1590 by changing the saturation by 10% instead.

207.2950, 49.9770,
-8.1590

207.2950, 49.9770,
-8.1590

255.0000, -0.0000,
-0.0000

179.5120, 47.8680,
-8.4840

247.8180, 20.2230,
-19.5930

152.1420, 46.0340,
-8.2860

251.0100, 11.2350,
-10.8850

126.3590, 43.9250,
-8.6110

254.3160, 1.9260,
-1.8660

100.5760, 41.8160,
-8.9360

75.6790, 40.0280,
-9.5720

53.2810, 35.3970,
-8.2430

33.1800, 25.6760,

-2.7720

■ 11.9160, 17.9720,
4.6920

■ 0.0000, 0.0000,
0.0000

■ 207.2950, 49.9770,
-8.1590

■ 207.2950, 49.9770,
-8.1590

■ 197.9880, 61.0270,
-10.1810

■ 216.6020, 38.9270,
-6.1370

■ 188.0940, 72.3520,
-11.6800

■ 226.4960, 27.6020,
-4.6380

■ 178.7870, 83.4020,
-13.7020

■ 235.8030, 16.5520,
-2.6160

■ 168.8930, 94.7270,
-15.2010

■ 245.6970, 5.2270,
-1.1170

159.5860,
105.7770, -17.2230

253.5050, -2.9800,
-1.0600

154.5820,
111.6000, -18.1280

Harmonies

Analogous

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



204.1400, 49.5160, 5.7080



207.2950, 49.9770, -8.1590



203.9450, 27.0550, -22.2650

Triad

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



207.2950, 49.9770, -8.1590



186.2820, -80.9640, -30.5000



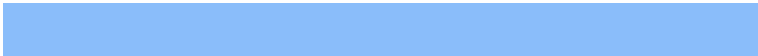
211.7400, 4.8090, 28.4970

Complementary

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



207.2950, 49.9770, -8.1590



180.7050, -49.9770, 8.1590

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.



205.3070, -28.2450, 10.7870



207.2950, 49.9770, -8.1590



185.9620, -94.2620, -20.7740

Square

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



207.2950, 49.9770, -8.1590



193.1490, -44.1010, -32.2690



194.4220, -65.8380, -7.2620



209.1850, 28.4210, 30.0930

Rectangle

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



207.2950, 49.9770, -8.1590



201.1210, 5.8280, -28.5400



194.4220, -65.8380, -7.2620



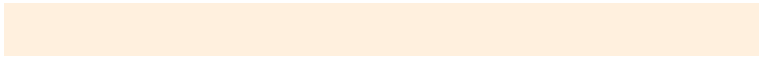
210.1900, -5.5060, 22.7020

Sweetspot

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



207.2950, 49.9770, -8.1590



242.4330, 14.7180, -2.4180



177.4160, 50.0600, 39.9160



119.7360, 9.4910, -1.3010



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.



207.2950, 49.9770, -8.1590



202.2870, 61.6230, -9.9690



236.0360, 33.5680, -35.6800



119.9960, 5.8230, -0.9050



116.9720, 84.3190, -13.8010



37.6100, 27.2810, -4.3270

Inverse Universe

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



180.7050, -49.9770, 8.1590



169.7130, -61.6230, 9.9690



151.9640, -33.5680, 35.6800



117.0040, -5.8230, 0.9050



72.0280, -84.3190, 13.8010



23.3900, -27.2810, 4.3270

Previews

White Background



This preview shows how the YIQ color 207.2950, 49.9770, -8.1590 looks on a white background.

Color Contrast Check

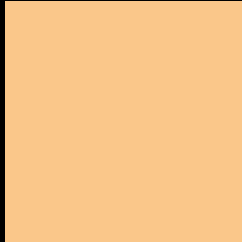
Large Text (above 18pt) WCAG AA × Fail

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 207.2950, 49.9770, -8.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

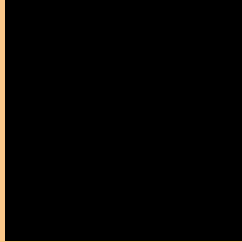
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.2950, 49.9770, -8.1590

Background



This preview shows how black text looks on a background with the YIQ color 207.2950, 49.9770, -8.1590.



This preview shows how white text looks on a background with the YIQ color 207.2950, 49.9770,

-8.1590.

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

207.2950, 49.9770, -8.1590

Protanopia

205.5590, 31.3180, -16.9220

Deuteranopia

207.2950, 49.9770, -8.1590



Tritanopia

211.7320, 33.6500, 17.9220

Trichromacy



Original Color

207.2950, 49.9770, -8.1590

Protanomaly

206.3750, 37.8280, -13.7560

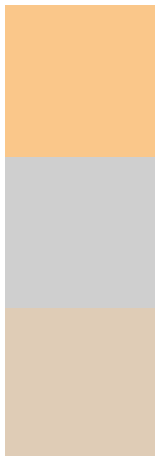
Deuteranomaly

207.2950, 49.9770, -8.1590

Tritanomaly

210.1590, 39.3370, 8.4650

Monochromacy



Original Color

207.2950, 49.9770, -8.1590

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.1730, 18.3860, -2.8140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2950, 49.9770, -8.1590 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(250, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 138)  
}
```

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(250, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 138) }
```

Border

The CSS property to change the border of an element to YIQ 207.2950, 49.9770, -8.1590 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(250, 199, 138) }
```


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

```
.border{ border-color:rgb(250, 199, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 199, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 138);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2950, 49.9770, -8.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 138) }
```

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

```
.background{ background-color: rgb(250,  
199, 138) }
```

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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