

Converting Colors

YIQ(209.7610, 34.7060, 9.7940)

Have a look what the booklet for
YIQ(209.7610, 34.7060, 9.7940)
contains.

YIQ(209.7610, 34.7060, 9.7940)	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(209.7610, 34.7060,
9.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C2BC
RGB	249, 194, 188
RGB Percent	98%, 76%, 74%
CMY	0.0234, 0.2393, 0.2626
CMYK	0.00, 0.22, 0.24, 0.02
HSL	6°, 84%, 86%
HSV	6°, 24%, 98%
XYZ	67.4461, 62.3514, 56.0777
YIQ	209.7610, 34.7060, 9.7940

Conversions

Conversions Part 2

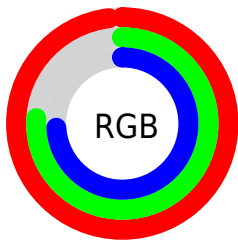
Format	Color
R _Y B	249, 195, 188
Decimal	16368316
CIE Lab	83.10, 18.82, 10.55
CIE LCh	83, 21.573, 29.269
Yxy	62.3514, 0.3629, 0.3354
Android (android.graphics.Color)	4294558396 (0xFFF9C2BC)
YUV	209.7610, -10.7282, 34.4126
Hunter-Lab	78.9629, 14.2807, 13.1676

Details

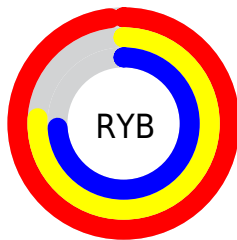
The YIQ color $209.7610, 34.7060, 9.7940$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.2390, -34.7060, -9.7940$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3980, 4.6310, -1.3290$, and $154.9780, 32.5970, 9.4690$ is the 20% darker color. If you saturate the color by 10%, you get $193.9970, 48.7810, 13.5250$, and if you desaturate by 10%, it is $225.5250, 20.6310, 6.0630$.

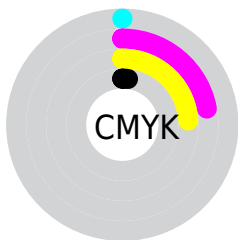
Distribution



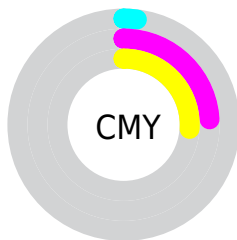
- Red (98%)
- Green (76%)
- Blue (74%)



- Red (98%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.7610, 34.7060, 9.7940 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 209.7610, 34.7060, 9.7940 by changing the saturation by 10% instead.


 209.7610, 34.7060,
9.7940


 209.7610, 34.7060,
9.7940


255.0000, -0.0000,
-0.0000


 182.1630, 33.5140,
9.3700


 251.3980, 4.6310,
-1.3290

 154.9780, 32.5970,
9.4690

 128.4940, 31.0840,
9.3560

 103.4830, 29.6170,
8.4090

 78.7000, 27.5080,
8.0840

 55.2160, 25.9950,
7.9710

 33.1340, 23.2900,

7.4340

■ 11.6610, 23.2440,
8.2680

■ 0.0000, 0.0000,
0.0000

■ 209.7610, 34.7060,
9.7940

■ 209.7610, 34.7060,
9.7940

■ 193.9970, 48.7810,
13.5250

■ 225.5250, 20.6310,
6.0630

■ 177.6460, 63.1310,
17.7790

■ 241.8760, 6.2810,
1.8090

■ 161.8820, 77.2060,
21.5100

■ 253.2060, -3.5760,
-1.2720

■ 145.5310, 91.5560,
25.7640

■ 129.8810,
105.3100, 29.8060

■ 113.5300,
119.6600, 34.0600

■ 97.7660, 133.7350,
37.7910

■ 88.5390, 141.8040,
40.2360

Harmonies

Analogous

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



210.8560, 27.3690, 16.1130



209.7610, 34.7060, 9.7940



208.2950, 32.7820, 0.6060

Triad

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



209.7610, 34.7060, 9.7940



201.2180, -13.0180, -17.3860



205.5580, -27.6940, 6.3060

Complementary

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



209.7610, 34.7060, 9.7940



227.2390, -34.7060, -9.7940

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.



201.8180, -40.5300, -3.3620



209.7610, 34.7060, 9.7940



199.5780, -31.5870, -16.7630

Square

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



209.7610, 34.7060, 9.7940



204.0370, 6.6050, -15.0830



199.1780, -41.9040, -11.5040



208.9520, -8.0720, 14.1360

Rectangle

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



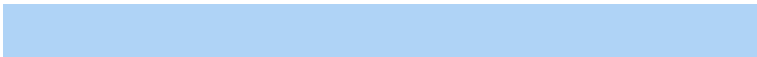
209.7610, 34.7060, 9.7940



207.0830, 27.3270, -5.1610



199.1780, -41.9040, -11.5040



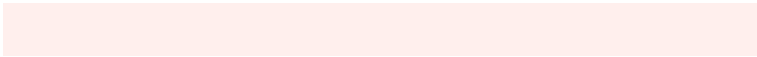
204.2260, -32.6910, 3.2530

Sweetspot

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



209.7610, 34.7060, 9.7940



243.5560, 10.1780, 2.7700



212.6230, 18.3800, 30.3480



120.8760, 6.2810, 1.8090



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.



209.7610, 34.7060, 9.7940



207.2350, 42.1790, 12.0270



227.3710, 26.4560, -5.8960



117.0610, 7.1980, 1.7100



67.0770, 107.6940, 30.6540



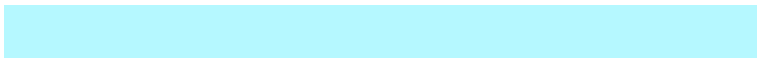
21.7610, 34.7060, 9.7940

Inverse Universe

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



227.2390, -34.7060, -9.7940



228.7650, -42.1790, -12.0270



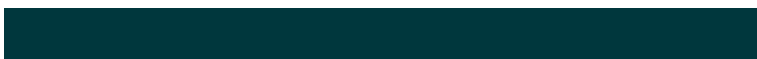
209.6290, -26.4560, 5.8960



120.5260, -7.4730, -2.2330



121.3360, -107.4190, -30.1310



39.2390, -34.7060, -9.7940

Previews

White Background



This preview shows how the YIQ color 209.7610, 34.7060, 9.7940 looks on a white background.

Color Contrast Check

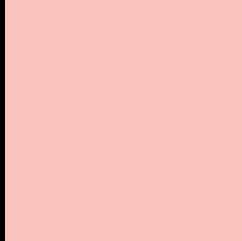
Large Text (above 18pt) WCAG AA × Fail

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 209.7610, 34.7060, 9.7940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

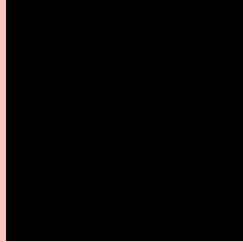
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.7610, 34.7060, 9.7940

Background



This preview shows how black text looks on a background with the YIQ color 209.7610, 34.7060, 9.7940.



This preview shows how white text looks on a background with the YIQ color 209.7610, 34.7060, 9.7940.

9.7940.

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

209.7610, 34.7060, 9.7940

Protanopia

207.1380, 8.2990, -1.7250

Deuteranopia

208.9830, 25.0330, 3.3770



Tritanopia

210.6500, 30.9450, 17.3850

Trichromacy



Original Color

209.7610, 34.7060, 9.7940

Protanomaly

208.3350, 18.1100, 2.1900

Deuteranomaly

209.3040, 28.5630, 5.4830

Tritanomaly

210.1400, 32.3210, 14.4730

Monochromacy



Original Color

209.7610, 34.7060, 9.7940

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7520, 12.5620, 3.6180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7610, 34.7060, 9.7940 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(249, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 194, 188)  
}
```

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(249, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 194, 188) }
```

Border

The CSS property to change the border of an element to YIQ 209.7610, 34.7060, 9.7940 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(249, 194, 188) }
```


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

```
.border{ border-color:rgb(249, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 194,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7610, 34.7060, 9.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 194, 188) }
```

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

```
.background{ background-color: rgb(249,  
194, 188) }
```

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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