

Converting Colors

YIQ(209.0090, 31.3120, 16.2400)

Have a look what the booklet for
YIQ(209.0090, 31.3120, 16.2400)
contains.

YIQ(209.0090, 31.3120, 16.2400)	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(209.0090, 31.3120,
16.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BECA
RGB	249, 190, 202
RGB Percent	98%, 75%, 79%
CMY	0.0234, 0.2550, 0.2077
CMYK	0.00, 0.24, 0.19, 0.02
HSL	348°, 83%, 86%
HSV	348°, 24%, 98%
XYZ	68.1526, 61.2285, 64.1216
YIQ	209.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

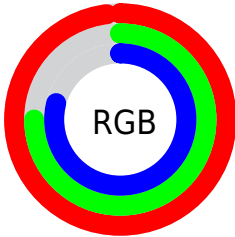
Format	Color
R _Y B	249, 190, 202
Decimal	16367306
CIE Lab	82.50, 22.95, 2.19
CIE LCh	83, 23.055, 5.451
Yxy	61.2285, 0.3522, 0.3164
Android (android.graphics.Color)	4294557386 (0xFFFF9BECA)
YUV	209.0090, -3.4554, 35.0721
Hunter-Lab	78.2486, 18.5339, 6.1883

Details

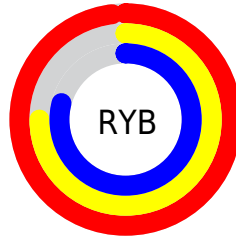
The YIQ color **209.0090, 31.3120, 16.2400** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.9910, -31.3120, -16.2400**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3040, 2.2000, 4.1840**, and **154.1120, 29.5240, 15.6040** is the 20% darker color. If you saturate the color by 10%, you get **192.0540, 44.6070, 23.0950**, and if you desaturate by 10%, it is **225.9640, 18.0170, 9.3850**.

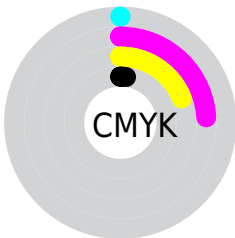
Distribution



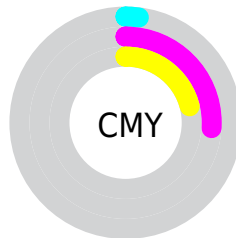
- Red (98%)
- Green (75%)
- Blue (79%)



- Red (98%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.0090, 31.3120, 16.2400 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 209.0090, 31.3120, 16.2400 by changing the saturation by 10% instead.


 209.0090, 31.3120,
16.2400


 209.0090, 31.3120,
16.2400


255.0000, -0.0000,
-0.0000


 181.4110, 30.1200,
15.8160


 250.3040, 2.2000,
4.1840

 154.1120, 29.5240,
15.6040

 128.1010, 28.0570,
14.6570

 102.6170, 26.5440,
14.5440

 78.0190, 25.3520,
14.1200

 54.4210, 24.1600,
13.6960

 31.6380, 22.0510,

13.3710

■ 12.5300, 22.2350,
10.0350

■ 0.0000, 0.0000,
0.0000

■ 209.0090, 31.3120,
16.2400

■ 209.0090, 31.3120,
16.2400

■ 192.0540, 44.6070,
23.0950

■ 225.9640, 18.0170,
9.3850

■ 175.0990, 57.9020,
29.9500

■ 242.9190, 4.7220,
2.5300

■ 158.2580, 70.8760,
37.1160

■ 253.2060, -3.5760,
-1.2720

■ 141.3030, 84.1710,
43.9710

■ 124.3480, 97.4660,
50.8260

■ 107.9800,
110.4860, 57.1580

■ 91.0250, 123.7810,
64.0130

■ 80.2650, 132.0330,
68.6490

Harmonies

Analogous

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



209.1030, 16.5480, 19.4920



209.0090, 31.3120, 16.2400



207.7890, 37.5030, 8.6630

Triad

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



209.0090, 31.3120, 16.2400



201.8300, 2.7540, -16.8780



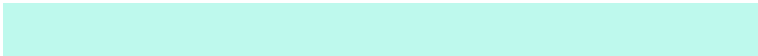
199.8010, -41.8600, -1.2840

Complementary

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



209.0090, 31.3120, 16.2400



229.9910, -31.3120, -16.2400

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.



197.2530, -46.4890, -11.0090



209.0090, 31.3120, 16.2400



198.9400, -18.1070, -18.7710

Square

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



209.0090, 31.3120, 16.2400



203.9850, 21.5510, -10.6170



196.9410, -37.0430, -17.0030



204.5090, -25.9980, 8.6100

Rectangle

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



209.0090, 31.3120, 16.2400



206.7900, 35.7620, 1.6660



196.9410, -37.0430, -17.0030



198.7250, -44.7020, -4.8460

Sweetspot

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



209.0090, 31.3120, 16.2400



242.8380, 9.4440, 5.0600



210.4800, 8.4770, 28.1010



120.5170, 5.9140, 2.9540



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.



209.0090, 31.3120, 16.2400



206.8250, 37.8220, 19.4060



217.6200, 30.4890, 3.6170



116.2290, 6.7850, 3.6890



60.9570, 100.1250, 52.1970



19.6070, 32.5040, 16.6640

Inverse Universe

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



209.0090, 31.3120, 16.2400



206.8250, 37.8220, 19.4060



221.3800, -30.4890, -3.6170



116.2290, 6.7850, 3.6890



60.9570, 100.1250, 52.1970



19.6070, 32.5040, 16.6640

Previews

White Background



This preview shows how the YIQ color 209.0090, 31.3120, 16.2400 looks on a white background.

Color Contrast Check

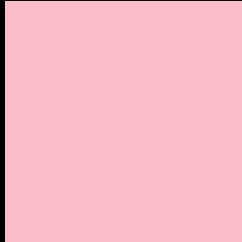
Large Text (above 18pt) WCAG AA × Fail

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 209.0090, 31.3120, 16.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

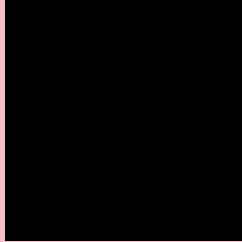
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.0090, 31.3120, 16.2400

Background



This preview shows how black text looks on a background with the YIQ color 209.0090, 31.3120, 16.2400.



This preview shows how white text looks on a background with the YIQ color 209.0090, 31.3120,

16.2400.

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

209.0090, 31.3120, 16.2400

Protanopia

206.4670, 0.1830, 2.1910

Deuteranopia

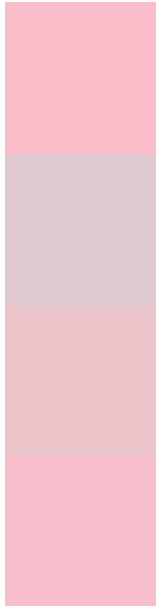
207.4860, 16.3670, 6.2470



Tritanopia

209.2370, 30.6700, 16.8620

Trichromacy



Original Color

209.0090, 31.3120, 16.2400

Protanomaly

207.6750, 11.4610, 7.0530

Deuteranomaly

208.2310, 21.6390, 9.8230

Tritanomaly

209.1230, 30.9910, 16.5510

Monochromacy



Original Color

209.0090, 31.3120, 16.2400

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.0090, 31.3120, 16.2400 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, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 202)  
}
```

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, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 202) }
```

Border

The CSS property to change the border of an element to YIQ 209.0090, 31.3120, 16.2400 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, 190, 202) }
```


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

```
.border{ border-color:rgb(249, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 190,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 209.0090, 31.3120, 16.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 202) }
```

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

```
.background{ background-color: rgb(249,  
190, 202) }
```

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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