

Converting Colors

YIQ(208.9570, 29.0630, 29.4710)

Have a look what the booklet for
YIQ(208.9570, 29.0630, 29.4710)
contains.

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Color

**YIQ(208.9570, 29.0630,
29.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E3
RGB	255, 182, 227
RGB Percent	100%, 71%, 89%
CMY	0.0000, 0.2864, 0.1097
CMYK	0.00, 0.29, 0.11, 0.00
HSL	323°, 100%, 86%
HSV	323°, 29%, 100%
XYZ	71.8297, 60.2506, 80.5316
YIQ	208.9570, 29.0630, 29.4710

Conversions

Conversions Part 2

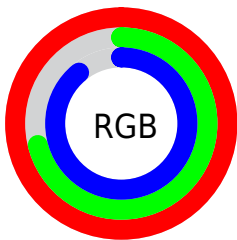
Format	Color
R_{YB}	255, 182, 227
Decimal	16758499
CIE _{Lab}	81.97, 33.13, -11.95
CIE _{LCh}	82, 35.220, 340.169
Yxy	60.2506, 0.3378, 0.2834
Android (android.graphics.Color)	4294948579 (0xFFFFB6E3)
YUV	208.9570, 8.8952, 40.3797
Hunter-Lab	77.6212, 29.3443, -7.1782

Details

The YIQ color $208.9570, 29.0630, 29.4710$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.0430, -29.0630, -29.4710$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.6080, 4.4000, 8.3680$, and $153.6470, 27.0000, 28.3120$ is the 20% darker color. If you saturate the color by 10%, you get $192.5550, 39.4230, 39.9590$, and if you desaturate by 10%, it is $224.7720, 18.9780, 19.5060$.

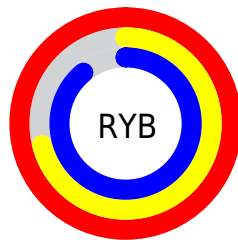
Distribution



Red (100%)

Green (71%)

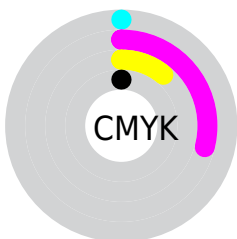
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

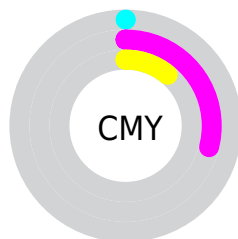


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.9570, 29.0630, 29.4710 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 208.9570, 29.0630, 29.4710 by changing the saturation by 10% instead.

 208.9570, 29.0630,
29.4710


 208.9570, 29.0630,
29.4710


255.0000, -0.0000,
-0.0000


 181.2450, 28.1920,
28.7360


 245.0210, 4.6750,
8.8910

 153.6470, 27.0000,
28.3120

 126.9350, 26.1290,
27.5770

 101.2230, 25.2580,
26.8420

 76.6250, 24.0660,
26.4180

 52.0270, 22.8740,
25.9940

 26.6680, 22.5070,

27.1390

■ 16.0490, 16.6400,
17.8240

■ 0.0000, 0.0000,
0.0000

■ 208.9570, 29.0630,
29.4710

■ 208.9570, 29.0630,
29.4710

■ 192.5550, 39.4230,
39.9590

■ 224.7720, 18.9780,
19.5060

■ 176.7400, 49.5080,
49.9240

■ 241.1740, 8.6180,
9.0180

■ 160.4520, 59.5470,
60.7230

255.0000, -0.0000,
-0.0000

■ 144.6370, 69.6320,
70.6880

■ 128.2350, 79.9920,
81.1760

■ 112.4200, 90.0770,
91.1410

■ 96.1320, 100.1160,
101.9400

■ 94.1430, 101.5830,
102.8870

Harmonies

Analogous

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



207.7500, -1.1510, 26.3770



208.9570, 29.0630, 29.4710



203.4340, 40.4810, 20.7770

Triad

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



208.9570, 29.0630, 29.4710



200.6510, 28.0630, -18.5050



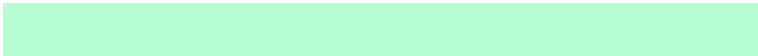
186.0730, -81.3330, -18.3010

Complementary

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



208.9570, 29.0630, 29.4710



228.0430, -29.0630, -29.4710

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.



186.4040, -66.5680, -27.0800



208.9570, 29.0630, 29.4710



197.0540, -1.2330, -27.2250

Square

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



208.9570, 29.0630, 29.4710



203.6200, 47.6840, -5.1480



191.5200, -34.8400, -29.4000



192.3730, -64.1420, -4.9580

Rectangle

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



208.9570, 29.0630, 29.4710



202.6870, 46.7180, 12.3660



191.5200, -34.8400, -29.4000



185.0360, -79.9110, -22.0470

Sweetspot

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



208.9570, 29.0630, 29.4710



240.4730, 9.2140, 9.2300



198.3950, -7.3410, 28.4270



118.5110, 6.0510, 5.9790



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.



208.9570, 29.0630, 29.4710



200.1690, 34.5180, 35.2380



204.9670, 40.2980, 18.5860



119.7990, 5.1800, 5.2440



70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Inverse Universe

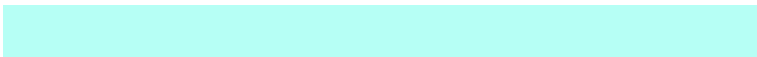
The Inverse Universe completely reimagines the original color for something new.



208.9570, 29.0630, 29.4710



200.1690, 34.5180, 35.2380



232.0330, -40.2980, -18.5860



119.7990, 5.1800, 5.2440



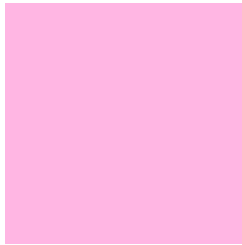
70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 208.9570, 29.0630, 29.4710 looks on a white background.

Color Contrast Check

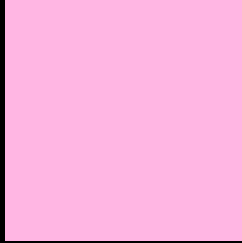
Large Text (above 18pt) WCAG AA × Fail

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 208.9570, 29.0630, 29.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

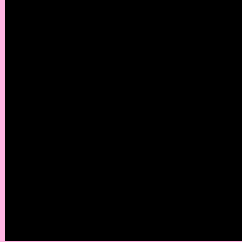
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.9570, 29.0630, 29.4710

Background



This preview shows how black text looks on a background with the YIQ color 208.9570, 29.0630, 29.4710.



This preview shows how white text looks on a background with the YIQ color 208.9570, 29.0630,

29.4710.

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

208.9570, 29.0630, 29.4710

Protanopia

204.8370, -15.1780, 10.7580

Deuteranopia

206.6340, 1.5110, 11.1670



Tritanopia

208.0310, 34.2460, 18.1340

Trichromacy



Original Color

208.9570, 29.0630, 29.4710



Protanomaly

206.4370, 0.8680, 17.3160



Deuteranomaly

207.7110, 11.7800, 17.7960



Tritanomaly

208.1820, 32.5030, 22.1910

Monochromacy



Original Color

208.9570, 29.0630, 29.4710



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.0110, 10.6350, 11.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.9570, 29.0630, 29.4710 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(255, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 227)  
}
```

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(255, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 227) }
```

Border

The CSS property to change the border of an element to YIQ 208.9570, 29.0630, 29.4710 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(255, 182, 227) }
```


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

```
.border{ border-color:rgb(255, 182, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 208.9570, 29.0630, 29.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 227) }
```

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

```
.background{ background-color: rgb(255,  
182, 227) }
```

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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