

Converting Colors

YIQ(211.7950, 29.3390, 24.4670)

Have a look what the booklet for
YIQ(211.7950, 29.3390, 24.4670)
contains.

YIQ(211.7950, 29.3390, 24.4670)	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(211.7950, 29.3390,
24.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCDD
RGB	255, 188, 221
RGB Percent	100%, 74%, 87%
CMY	0.0000, 0.2628, 0.1332
CMYK	0.00, 0.26, 0.13, 0.00
HSL	330°, 100%, 87%
HSV	330°, 26%, 100%
XYZ	72.2715, 62.4361, 76.6651
YIQ	211.7950, 29.3390, 24.4670

Conversions

Conversions Part 2

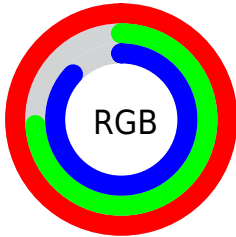
Format	Color
RYB	255, 188, 221
Decimal	16760029
CIELab	83.14, 29.02, -6.99
CIELCh	83, 29.847, 346.460
Yxy	62.4361, 0.3419, 0.2954
Android (android.graphics.Color)	4294950109 (0xFFFFBCDD)
YUV	211.7950, 4.5381, 37.8908
Hunter-Lab	79.0165, 24.9838, -2.2140

Details

The YIQ color $211.7950, 29.3390, 24.4670$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $231.2050, -29.3390, -24.4670$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1300, 2.7500, 5.2300$, and $156.4850, 27.2760, 23.3080$ is the 20% darker color. If you saturate the color by 10%, you get $195.0510, 40.6620, 34.0220$, and if you desaturate by 10%, it is $227.9520, 18.2910, 15.4350$.

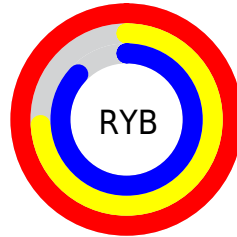
Distribution



Red (100%)

Green (74%)

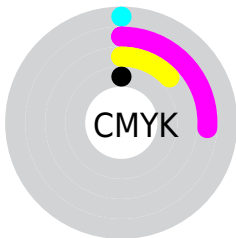
Blue (87%)



Red (100%)

Yellow (74%)

Blue (87%)

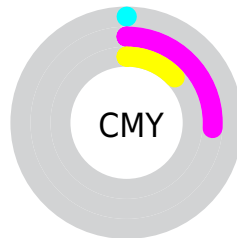


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.7950, 29.3390, 24.4670 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 211.7950, 29.3390, 24.4670 by changing the saturation by 10% instead.


 211.7950, 29.3390,
24.4670


 211.7950, 29.3390,
24.4670

255.0000, -0.0000,
-0.0000


 184.0830, 28.4680,
23.7320


 249.1300, 2.7500,
5.2300

 156.4850, 27.2760,
23.3080

 130.1860, 26.6800,
23.0960

 104.4740, 25.8090,
22.3610

 79.5770, 24.0210,
21.7250

 55.5660, 22.5540,
20.7780

 31.7940, 21.9120,

21.4000

■ 15.5930, 17.9240,
16.5800

■ 0.0000, 0.0000,
0.0000

■ 211.7950, 29.3390,
24.4670

■ 211.7950, 29.3390,
24.4670

■ 195.0510, 40.6620,
34.0220

■ 227.9520, 18.2910,
15.4350

■ 178.8940, 51.7100,
43.0540

■ 244.6960, 6.9680,
5.8800

■ 162.1500, 63.0330,
52.6090

255.0000, -0.0000,
-0.0000

■ 145.9930, 74.0810,
61.6410

■ 129.2490, 85.4040,
71.1960

■ 113.0920, 96.4520,
80.2280

■ 96.4620, 107.4540,
90.0940

■ 90.6090, 111.5340,
93.2460

Harmonies

Analogous

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



211.2790, 4.4890, 23.2810



211.7950, 29.3390, 24.4670



207.9020, 38.9230, 15.9710

Triad

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



211.7950, 29.3390, 24.4670



204.1000, 19.4890, -17.3030



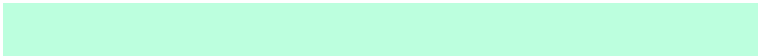
195.5700, -63.4990, -11.1070

Complementary

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



211.7950, 29.3390, 24.4670



231.2050, -29.3390, -24.4670

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.



193.8830, -57.4910, -20.8750



211.7950, 29.3390, 24.4670



200.9380, -6.5980, -23.6060

Square

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



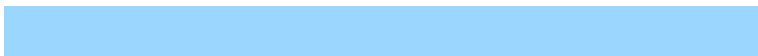
211.7950, 29.3390, 24.4670



206.8900, 38.0560, -6.8720



196.8670, -34.1990, -24.4950



201.0330, -48.3250, 0.2430

Rectangle

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



211.7950, 29.3390, 24.4670



207.7250, 43.5550, 9.1150



196.8670, -34.1990, -24.4950



194.0490, -63.5900, -14.9660

Sweetspot

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



211.7950, 29.3390, 24.4670



242.1200, 8.7100, 7.3500



205.5050, -1.8390, 27.8330



119.5710, 5.8220, 4.6220



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.



211.7950, 29.3390, 24.4670



202.1920, 35.7110, 30.1350



208.0330, 39.9320, 14.2040



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Inverse Universe

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



211.7950, 29.3390, 24.4670



202.1920, 35.7110, 30.1350



234.9670, -39.9320, -14.2040



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 211.7950, 29.3390, 24.4670 looks on a white background.

Color Contrast Check

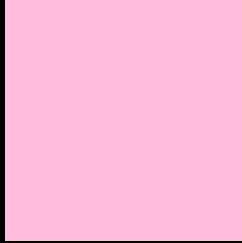
Large Text (above 18pt) WCAG AA × Fail

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 211.7950, 29.3390, 24.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

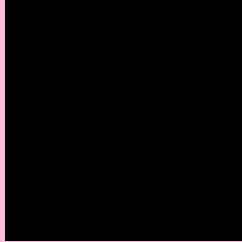
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.7950, 29.3390, 24.4670

Background



This preview shows how black text looks on a background with the YIQ color 211.7950, 29.3390, 24.4670.



This preview shows how white text looks on a background with the YIQ color 211.7950, 29.3390,

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

211.7950, 29.3390, 24.4670

Protanopia

208.3660, -9.5380, 7.6620

Deuteranopia

209.3310, 6.7380, 10.0500



Tritanopia

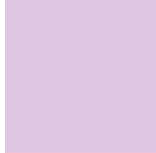
211.1340, 32.4580, 17.4980

Trichromacy



Original Color

211.7950, 29.3390, 24.4670



Protanomaly

209.4820, 4.9950, 14.1070



Deuteranomaly

210.0980, 14.9440, 15.5200



Tritanomaly

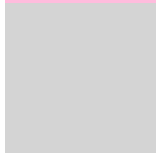
211.5300, 31.4030, 20.0990

Monochromacy



Original Color

211.7950, 29.3390, 24.4670



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

211.8430, 11.0480, 9.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7950, 29.3390, 24.4670 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, 188, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 221)  
}
```

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, 188, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 221) }
```

Border

The CSS property to change the border of an element to YIQ 211.7950, 29.3390, 24.4670 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, 188, 221) }
```


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

```
.border{ border-color:rgb(255, 188, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7950, 29.3390, 24.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 221) }
```

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

```
.background{ background-color: rgb(255,  
188, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor