

Converting Colors

YIQ(209.5970, 2.9330, 7.4210)

Have a look what the booklet for
YIQ(209.5970, 2.9330, 7.4210)
contains.

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Color

**YIQ(209.5970, 2.9330,
7.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CCDB
RGB	217, 204, 219
RGB Percent	85%, 80%, 86%
CMY	0.1490, 0.2000, 0.1412
CMYK	0.01, 0.07, 0.00, 0.14
HSL	292°, 17%, 83%
HSV	292°, 7%, 86%
XYZ	62.9961, 63.0509, 75.8676
YIQ	209.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

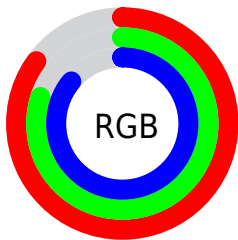
Format	Color
R _Y B	217, 204, 219
Decimal	14273755
CIE Lab	83.47, 7.20, -5.81
CIE LCh	83, 9.248, 321.082
Yxy	63.0509, 0.3120, 0.3123
Android (android.graphics.Color)	4292463835 (0xFFD9CCDB)
YUV	209.5970, 4.6357, 6.4924
Hunter-Lab	79.4046, 2.6559, -1.0658

Details

The YIQ color $209.5970, 2.9330, 7.4210$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.4030, -2.9330, -7.4210$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $155.1840, 2.6580, 6.8980$ is the 20% darker color. If you saturate the color by 10%, you get $195.7860, 7.1950, 18.2910$, and if you desaturate by 10%, it is $223.4080, -1.3290, -3.4490$.

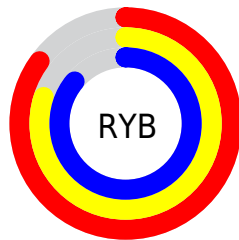
Distribution



Red (85%)

Green (80%)

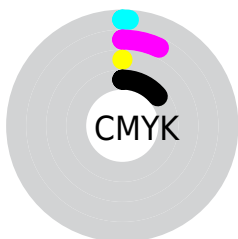
Blue (86%)



Red (85%)

Yellow (80%)

Blue (86%)

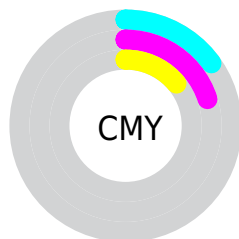


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (15%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5970, 2.9330, 7.4210 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 209.5970, 2.9330, 7.4210 by changing the saturation by 10% instead.

■ 209.5970, 2.9330,
7.4210

■ 209.5970, 2.9330,
7.4210

255.0000, -0.0000,
-0.0000

■ 182.1840, 2.6580,
6.8980

■ 155.1840, 2.6580,
6.8980

■ 129.1840, 2.6580,
6.8980

■ 104.0700, 2.9790,
6.5870

■ 79.7710, 2.3830,
6.3750

■ 57.3580, 2.1080,
5.8520

■ 35.3580, 2.1080,

5.8520

■ 13.4830, 3.2540,
7.1100

■ 0.0000, 0.0000,
0.0000

■ 209.5970, 2.9330,
7.4210

■ 209.5970, 2.9330,
7.4210

■ 195.7860, 7.1950,
18.2910

■ 223.4080, -1.3290,
-3.4490

■ 181.9750, 11.4570,
29.1610

■ 237.2190, -5.5910,
-14.3190

■ 168.1640, 15.7190,
40.0310

■ 242.2250, -5.7280,
-17.3440

■ 154.3530, 19.9810,
50.9010

■ 243.1220, -3.9400,
-16.7080

140.5420, 24.2430,
61.7710

244.0190, -2.1520,
-16.0720

127.6170, 28.8260,
72.3300

244.6170, -0.9600,
-15.6480

113.8060, 33.0880,
83.2000

245.5140, 0.8280,
-15.0120

99.9950, 37.3500,
94.0700

246.4110, 2.6160,
-14.3760

86.1840, 41.6120,
104.9400

247.3080, 4.4040,
-13.7400

Harmonies

Analogous

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



208.9380, -5.4570, 5.2870



209.5970, 2.9330, 7.4210



209.6040, 10.2230, 7.4630

Triad

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



209.5970, 2.9330, 7.4210



207.8780, 11.9670, -2.1210



205.3400, -15.8170, -5.2010

Complementary

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



209.5970, 2.9330, 7.4210



213.4030, -2.9330, -7.4210

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.



205.2110, -11.1400, -7.3640



209.5970, 2.9330, 7.4210



207.0620, 5.4570, -5.2870

Square

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



209.5970, 2.9330, 7.4210



209.2530, 15.4050, 1.6530



206.4030, -2.9330, -7.4210



206.1490, -16.5970, -2.0770

Rectangle

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



209.5970, 2.9330, 7.4210



209.8170, 13.9370, 6.2330



206.4030, -2.9330, -7.4210



204.9980, -14.8540, -6.1340

Sweetspot

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



209.5970, 2.9330, 7.4210



251.7660, 0.7790, 2.4030



206.8840, -5.3650, 3.6190



125.9400, 0.2290, 1.3570



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.



209.5970, 2.9330, 7.4210



242.3630, 3.7120, 9.8240



209.6250, 5.7300, 6.2900



102.9450, 1.8330, 5.3290



64.5720, 33.8670, 85.6030



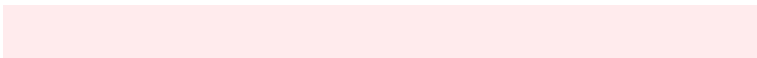
17.2040, 9.0740, 22.7860

Inverse Universe

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



208.7130, 8.2980, 3.8020



241.2080, 11.2780, 4.8620



213.4890, -6.0510, -5.9790



102.4030, 6.2350, 2.6430



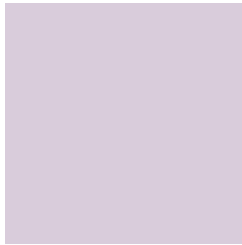
54.3490, 95.7250, 43.8290



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 209.5970, 2.9330, 7.4210 looks on a white background.

Color Contrast Check

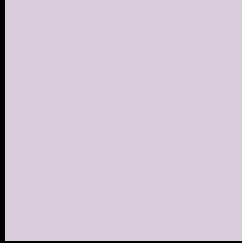
Large Text (above 18pt) WCAG AA × Fail

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 209.5970, 2.9330, 7.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

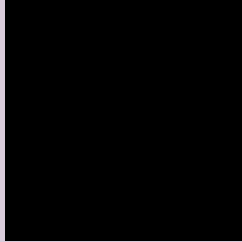
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.5970, 2.9330, 7.4210

Background



This preview shows how black text looks on a background with the YIQ color 209.5970, 2.9330, 7.4210.



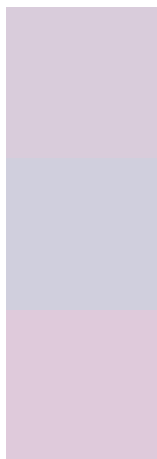
This preview shows how white text looks on a background with the YIQ color 209.5970, 2.9330,

7.4210.

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

209.5970, 2.9330, 7.4210

Protanopia

208.8950, -3.8980, 4.5660

Deuteranopia

210.2170, 7.0590, 9.7390



Tritanopia

209.7110, 2.6120, 7.7320

Trichromacy



Original Color

209.5970, 2.9330, 7.4210

Protanomaly

209.0910, -1.5140, 5.4140

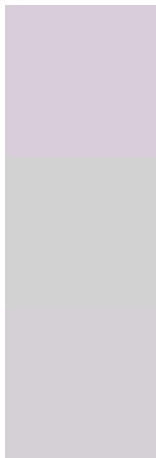
Deuteranomaly

210.2060, 5.5920, 8.7920

Tritanomaly

209.7110, 2.6120, 7.7320

Monochromacy



Original Color

209.5970, 2.9330, 7.4210

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5970, 2.9330, 7.4210 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(217, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 219)  
}
```

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(217, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 219) }
```

Border

The CSS property to change the border of an element to YIQ 209.5970, 2.9330, 7.4210 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(217, 204, 219) }
```


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

```
.border{ border-color:rgb(217, 204, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5970, 2.9330, 7.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 219) }
```

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

```
.background{ background-color: rgb(217,  
204, 219) }
```

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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