

# Converting Colors

YIQ(209.5780, -4.0830, 13.4290)

Have a look what the booklet for  
YIQ(209.5780, -4.0830, 13.4290)  
contains.

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# Color

**YIQ(209.5780, -4.0830,  
13.4290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6CAED
RGB	214, 202, 237
RGB Percent	84%, 79%, 93%
CMY	0.1607, 0.2078, 0.0706
CMYK	0.10, 0.15, 0.00, 0.07
HSL	261°, 49%, 86%
HSV	261°, 15%, 93%
XYZ	64.1391, 62.6506, 88.8246
YIQ	209.5780, -4.0830, 13.4290

# Conversions

## Conversions Part 2

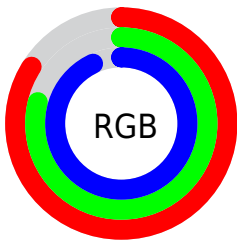
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 202, 237
Decimal	14076653
CIE <sub>Lab</sub>	83.26, 10.73, -15.74
CIE <sub>LCh</sub>	83, 19.048, 304.269
Yxy	62.6506, 0.2975, 0.2906
Android (android.graphics.Color)	4292266733 (0xFFD6CAED)
YUV	209.5780, 13.5190, 3.8781
Hunter-Lab	79.1521, 6.1272, -11.1288

# Details

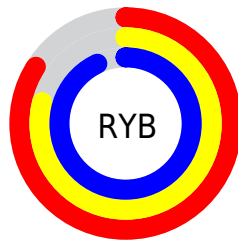
The YIQ color  $209.5780, -4.0830, 13.4290$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $229.4220, 4.0830, -13.4290$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $155.0510, -4.0370, 12.5950$  is the 20% darker color. If you saturate the color by 10%, you get  $190.7060, -7.0190, 22.5890$ , and if you desaturate by 10%, it is  $228.4500, -1.1470, 4.2690$ .

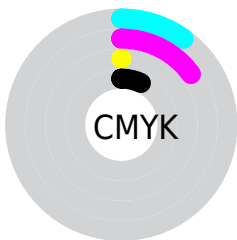
# Distribution



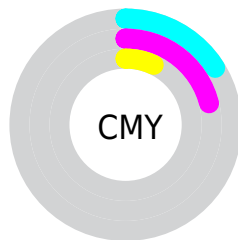
- Red (84%)
- Green (79%)
- Blue (93%)



- Red (84%)
- Yellow (79%)
- Blue (93%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (21%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5780, -4.0830, 13.4290 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 209.5780, -4.0830, 13.4290 by changing the saturation by 10% instead.



■ 209.5780, -4.0830,  
13.4290

■ 209.5780, -4.0830,  
13.4290

255.0000, -0.0000,  
-0.0000

■ 182.1650, -4.3580,  
12.9060

■ 155.0510, -4.0370,  
12.5950

■ 128.9370, -3.7160,  
12.2840

■ 103.5240, -3.9910,  
11.7610

■ 79.9970, -3.9450,  
10.9270

■ 56.8830, -3.6240,  
10.6160

■ 35.0570, -4.1740,

9.5700

■ 12.3070, -1.8820,  
12.0860

■ 1.1400, -3.2100,  
3.1100

■ 209.5780, -4.0830,  
13.4290

■ 209.5780, -4.0830,  
13.4290

■ 190.7060, -7.0190,  
22.5890

■ 228.4500, -1.1470,  
4.2690

■ 172.7200, -9.6340,  
31.4380

■ 246.4360, 1.4680,  
-4.5800

■ 153.8480,  
-12.5700, 40.5980

■ 252.9480, 5.7780,  
-5.5980

■ 135.2750,  
-14.9100, 49.9700

■ 116.9900,  
-18.1210, 58.6070

■ 98.4170, -20.4610,  
67.9790

■ 79.5450, -23.3970,  
77.1390

■ 60.9720, -25.7370,  
86.5110

■ 51.2370, -27.8010,  
90.8790

# Harmonies

## Analogous

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



206.9070, -21.3670, 7.2810



209.5780, -4.0830, 13.4290



210.7280, 13.1100, 15.7180

# Triad

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



209.5780, -4.0830, 13.4290



208.3160, 28.2890, -0.5670



200.8280, -29.2950, -14.2470

# Complementary

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



209.5780, -4.0830, 13.4290



229.4220, 4.0830, -13.4290

# 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.



202.0870, -14.0270, -15.6190



209.5780, -4.0830, 13.4290



206.5980, 18.3870, -8.3410

# Square

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



209.5780, -4.0830, 13.4290



210.0270, 30.9010, 7.1650



204.2370, 3.1660, -13.3300



201.0970, -37.1820, -8.9740



# Rectangle

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



209.5780, -4.0830, 13.4290



210.6920, 21.9590, 15.0390



204.2370, 3.1660, -13.3300



201.3400, -24.9850, -15.2650

# Sweetspot

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



209.5780, -4.0830, 13.4290



247.0370, -1.4220, 3.7460



219.4910, -17.5600, -1.1440



122.3960, -1.0550, 2.6010



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.



209.5780, -4.0830, 13.4290



219.0280, -5.2300, 17.6980



214.6610, 6.0490, 17.0330



108.4500, -1.1470, 4.2690



39.1720, -21.1490, 69.4350



11.5380, -6.6060, 20.6100



# Inverse Universe

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



215.0870, 13.4770, 14.5730



226.1740, 17.7860, 19.0820



224.3390, -6.0490, -17.0330



110.0870, 4.3090, 4.5090



67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330



# Previews

## White Background



This preview shows how the YIQ color 209.5780, -4.0830, 13.4290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

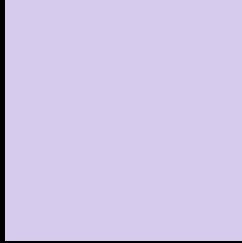
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 209.5780, -4.0830, 13.4290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

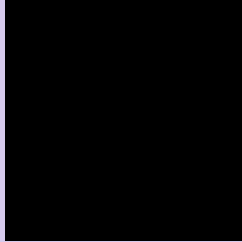
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 209.5780, -4.0830, 13.4290

## Background



This preview shows how black text looks on a background with the YIQ color 209.5780, -4.0830, 13.4290.



This preview shows how white text looks on a background with the YIQ color 209.5780, -4.0830,



# 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**

209.5780, -4.0830, 13.4290

**Protanopia**

208.2670, -13.5730, 9.2030

**Deuteranopia**

209.5780, -4.0830, 13.4290



## Tritanopia

208.6180, -1.5600, 6.2480

# Trichromacy



## Original Color

209.5780, -4.0830, 13.4290

## Protanomaly

209.0610, -9.9970, 10.4750

## Deuteranomaly

209.5780, -4.0830, 13.4290

## Tritanomaly

209.0140, -2.6150, 8.8490

# Monochromacy



## Original Color

209.5780, -4.0830, 13.4290

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.6780, -1.7890, 4.8910

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 209.5780, -4.0830, 13.4290 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(214, 202, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 237)  
}
```

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(214, 202, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 237) }
```

## Border

The CSS property to change the border of an element to YIQ 209.5780, -4.0830, 13.4290 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(214, 202, 237) }
```



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

```
.border{ border-color:rgb(214, 202, 237) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
237) }
```

# Background

The CSS property to change the background color of an element to YIQ 209.5780, -4.0830, 13.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 237) }
```

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

```
.background{ background-color: rgb(214,  
202, 237) }
```

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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