

Converting Colors

YIQ(209.0490, 7.4720, 7.7600)

Have a look what the booklet for
YIQ(209.0490, 7.4720, 7.7600)
contains.

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Color

**YIQ(209.0490, 7.4720,
7.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCAD6
RGB	221, 202, 214
RGB Percent	87%, 79%, 84%
CMY	0.1333, 0.2079, 0.1608
CMYK	0.00, 0.09, 0.03, 0.13
HSL	322°, 22%, 83%
HSV	322°, 9%, 87%
XYZ	63.0798, 62.4669, 72.3545
YIQ	209.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

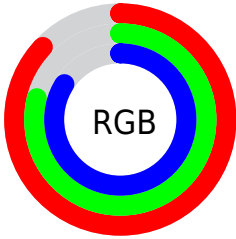
Format	Color
R _Y B	221, 202, 214
Decimal	14535382
CIE Lab	83.16, 8.72, -3.56
CIE LCh	83, 9.415, 337.780
Yxy	62.4669, 0.3187, 0.3156
Android (android.graphics.Color)	4292725462 (0xFFDDCAD6)
YUV	209.0490, 2.4408, 10.4810
Hunter-Lab	79.0360, 4.1505, 1.0475

Details

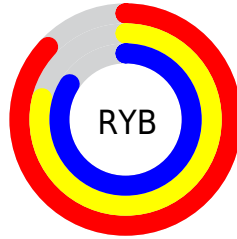
The YIQ color $209.0490, 7.4720, 7.7600$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.9510, -7.4720, -7.7600$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $154.6360, 7.1970, 7.2370$ is the 20% darker color. If you saturate the color by 10%, you get $195.2230, 16.0900, 16.7780$, and if you desaturate by 10%, it is $222.8750, -1.1460, -1.2580$.

Distribution



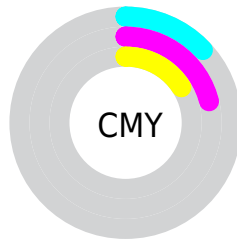
- Red (87%)
- Green (79%)
- Blue (84%)



- Red (87%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.0490, 7.4720, 7.7600 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 209.0490, 7.4720, 7.7600 by changing the saturation by 10% instead.

■ 209.0490, 7.4720,
7.7600

■ 209.0490, 7.4720,
7.7600

255.0000, -0.0000,
-0.0000

■ 181.6360, 7.1970,
7.2370

■ 154.6360, 7.1970,
7.2370

■ 128.6360, 7.1970,
7.2370

■ 103.3370, 6.6010,
7.0250

■ 79.6250, 5.7300,
6.2900

■ 56.6250, 5.7300,
6.2900

■ 35.2120, 5.4550,

5.7670

■ 12.1630, 7.1510,
8.0710

■ 0.0000, 0.0000,
0.0000

■ 209.0490, 7.4720,
7.7600

■ 209.0490, 7.4720,
7.7600

■ 195.2230, 16.0900,
16.7780

■ 222.8750, -1.1460,
-1.2580

■ 181.3970, 24.7080,
25.7960

■ 236.7010, -9.7640,
-10.2760

■ 167.5710, 33.3260,
34.8140

■ 242.8960,
-14.8070, -12.4950

■ 153.6310, 42.2650,
43.5210

■ 243.9220,
-17.6960, -9.6960

■ 139.2180, 51.1580,
53.0620

■ 244.8340,
-20.2640, -7.2080

■ 125.3920, 59.7760,
62.0800

■ 111.5660, 68.3940,
71.0980

■ 97.7400, 77.0120,
80.1160

■ 83.9140, 85.6300,
89.1340

Harmonies

Analogous

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



208.3300, -0.6890, 6.9830



209.0490, 7.4720, 7.7600



208.9310, 13.6160, 6.5440

Triad

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



209.0490, 7.4720, 7.7600



206.5570, 8.4370, -4.2270



204.9100, -17.4220, -3.6460

Complementary

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



209.0490, 7.4720, 7.7600



213.9510, -7.4720, -7.7600

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.



204.4710, -14.8080, -6.9680



209.0490, 7.4720, 7.7600



205.6700, 0.6890, -6.9830

Square

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



209.0490, 7.4720, 7.7600



207.6010, 14.3050, -0.4390



204.6520, -8.0680, -7.9720



205.8010, -15.4970, 0.0150

Rectangle

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



209.0490, 7.4720, 7.7600



209.1330, 15.8630, 4.3670



204.6520, -8.0680, -7.9720



204.2690, -17.0550, -4.7910

Sweetspot

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



209.0490, 7.4720, 7.7600



249.9620, 3.1630, 3.2510



206.2590, -1.9270, 7.3930



124.2500, 2.2920, 2.5160



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.



209.0490, 7.4720, 7.7600



239.2990, 9.7640, 10.2760



208.0230, 10.3610, 4.9610



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Inverse Universe

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



209.0490, 7.4720, 7.7600



239.2990, 9.7640, 10.2760



214.9770, -10.3610, -4.9610



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 209.0490, 7.4720, 7.7600 looks on a white background.

Color Contrast Check

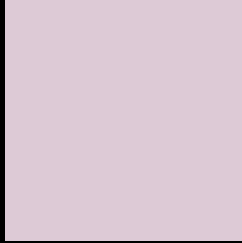
Large Text (above 18pt) WCAG AA × Fail

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 209.0490, 7.4720, 7.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

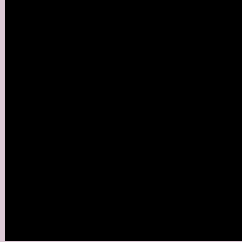
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.0490, 7.4720, 7.7600

Background



This preview shows how black text looks on a background with the YIQ color 209.0490, 7.4720, 7.7600.



This preview shows how white text looks on a background with the YIQ color 209.0490, 7.4720,

7.7600.

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

209.0490, 7.4720, 7.7600

Protanopia

207.7380, -2.0180, 3.5340

Deuteranopia

209.3590, 9.5350, 8.9190



Tritanopia

208.8040, 6.7840, 9.2160

Trichromacy



Original Color

209.0490, 7.4720, 7.7600

Protanomaly

208.5320, 1.5580, 4.8060

Deuteranomaly

209.0600, 8.9390, 8.7070

Tritanomaly

208.6900, 7.1050, 8.9050

Monochromacy



Original Color

209.0490, 7.4720, 7.7600

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6630, 2.5670, 3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.0490, 7.4720, 7.7600 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(221, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 214)  
}
```

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(221, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 214) }
```

Border

The CSS property to change the border of an element to YIQ 209.0490, 7.4720, 7.7600 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(221, 202, 214) }
```


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

```
.border{ border-color:rgb(221, 202, 214) }
```

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

Here you see how a box with a 4 pixel rgb(221, 202, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 209.0490, 7.4720, 7.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 214) }
```

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

```
.background{ background-color: rgb(221,  
202, 214) }
```

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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