

Converting Colors

YIQ(199.2590, 7.2410, 17.4570)

Have a look what the booklet for
YIQ(199.2590, 7.2410, 17.4570)
contains.

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Color

**YIQ(199.2590, 7.2410,
17.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BADD
RGB	217, 186, 221
RGB Percent	85%, 73%, 87%
CMY	0.1489, 0.2706, 0.1333
CMYK	0.02, 0.16, 0.00, 0.13
HSL	293°, 34%, 80%
HSV	293°, 16%, 87%
XYZ	59.2299, 55.0883, 75.9183
YIQ	199.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

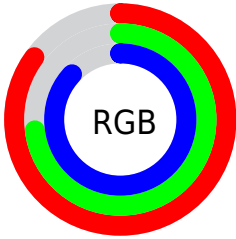
Format	Color
R_{YB}	217, 186, 221
Decimal	14269149
CIE _{Lab}	79.09, 17.20, -13.40
CIE _{LCh}	79, 21.797, 322.080
Yxy	55.0883, 0.3113, 0.2896
Android (android.graphics.Color)	4292459229 (0xFFD9BADD)
YUV	199.2590, 10.7183, 15.5589
Hunter-Lab	74.2215, 12.5582, -8.6904

Details

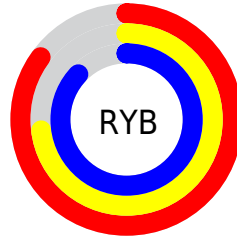
The YIQ color $199.2590, 7.2410, 17.4570$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $207.7410, -7.2410, -17.4570$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $145.4330, 6.6910, 16.4110$ is the 20% darker color. If you saturate the color by 10%, you get $185.7470, 12.0990, 28.5390$, and if you desaturate by 10%, it is $213.0700, 2.9790, 6.5870$.

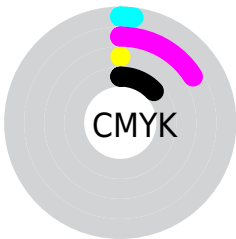
Distribution



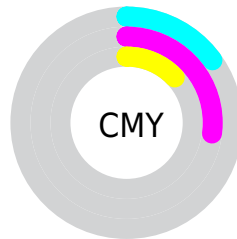
- Red (85%)
- Green (73%)
- Blue (87%)



- Red (85%)
- Yellow (73%)
- Blue (87%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.2590, 7.2410, 17.4570 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 199.2590, 7.2410, 17.4570 by changing the saturation by 10% instead.

■ 199.2590, 7.2410,
17.4570

■ 199.2590, 7.2410,
17.4570

255.0000, -0.0000,
-0.0000

■ 171.8460, 6.9660,
16.9340

■ 247.3690, 3.5750,
6.7990

■ 145.4330, 6.6910,
16.4110

■ 119.4330, 6.6910,
16.4110

■ 94.6070, 6.1410,
15.3650

■ 70.7810, 5.5910,
14.3190

■ 48.3680, 5.3160,
13.7960

■ 26.6560, 4.4450,

13.0610

■ 8.4170, 3.6200,
11.4920

■ 0.0000, 0.0000,
0.0000

■ 199.2590, 7.2410,
17.4570

■ 199.2590, 7.2410,
17.4570

■ 185.7470, 12.0990,
28.5390

■ 213.0700, 2.9790,
6.5870

■ 171.9360, 16.3610,
39.4090

■ 226.5820, -1.8790,
-4.4950

■ 158.1250, 20.6230,
50.2790

■ 240.3930, -6.1410,
-15.3650

■ 144.6130, 25.4810,
61.3610

■ 242.7520, -5.7740,
-16.5100

130.2150, 30.0180,
72.7540

243.6490, -3.9860,
-15.8740

116.7030, 34.8760,
83.8360

244.2470, -2.7940,
-15.4500

102.8920, 39.1380,
94.7060

245.1440, -1.0060,
-14.8140

89.3800, 43.9960,
105.7880

245.7420, 0.1860,
-14.3900

83.7980, 45.8750,
110.2830

246.6390, 1.9740,
-13.7540

Harmonies

Analogous

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



197.2610, -13.4360, 12.2280



199.2590, 7.2410, 17.4570



199.5290, 23.9760, 17.0320

Triad

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



199.2590, 7.2410, 17.4570



195.9580, 26.1810, -6.4190



187.6080, -40.2990, -13.0590

Complementary

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



199.2590, 7.2410, 17.4570



207.7410, -7.2410, -17.4570

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.



188.6170, -27.3230, -16.9470



199.2590, 7.2410, 17.4570



193.1300, 10.7770, -13.5990

Square

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



199.2590, 7.2410, 17.4570



197.3600, 34.1570, 3.2210



190.5560, -8.1580, -17.3580



189.8670, -42.2260, -5.6660

Rectangle

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



199.2590, 7.2410, 17.4570



199.4280, 31.4500, 13.7380



190.5560, -8.1580, -17.3580



188.1090, -37.4560, -15.0240

Sweetspot

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



199.2590, 7.2410, 17.4570



247.0700, 2.9790, 6.5870



192.3380, -12.3350, 8.7930



123.0050, 1.6040, 3.9720



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.



199.2590, 7.2410, 17.4570



225.0300, 9.6240, 23.8320



198.9730, 13.7980, 14.2620



102.9450, 1.8330, 5.3290



65.7680, 36.2510, 86.4510



17.5030, 9.6700, 22.9980

Inverse Universe

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



196.9210, 19.5760, 8.6640



221.9220, 27.0030, 11.7310



208.0270, -13.7980, -14.2620



102.4030, 6.2350, 2.6430



54.0070, 96.6880, 42.8960



14.3240, 25.8110, 11.3070

Previews

White Background



This preview shows how the YIQ color 199.2590, 7.2410, 17.4570 looks on a white background.

Color Contrast Check

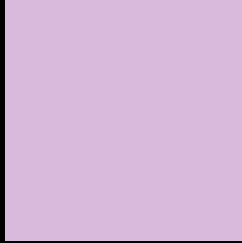
Large Text (above 18pt) WCAG AA × Fail

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 199.2590, 7.2410, 17.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

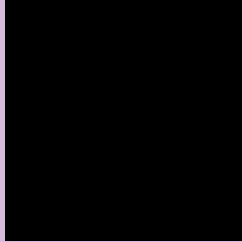
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.2590, 7.2410, 17.4570

Background



This preview shows how black text looks on a background with the YIQ color 199.2590, 7.2410, 17.4570.



This preview shows how white text looks on a background with the YIQ color 199.2590, 7.2410,

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

199.2590, 7.2410, 17.4570

Protanopia

196.4520, -12.6560, 9.1040

Deuteranopia

198.1930, -1.5610, 11.7750



Tritanopia

198.1850, 10.0850, 9.9650

Trichromacy



Original Color

199.2590, 7.2410, 17.4570

Protanomaly

197.4530, -5.2290, 12.1710

Deuteranomaly

198.5140, 1.9690, 13.8810

Tritanomaly

198.5810, 9.0300, 12.5660

Monochromacy



Original Color

199.2590, 7.2410, 17.4570

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0700, 2.9790, 6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.2590, 7.2410, 17.4570 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, 186, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 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(217, 186, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 221) }
```

Border

The CSS property to change the border of an element to YIQ 199.2590, 7.2410, 17.4570 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, 186, 221) }
```


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

```
.border{ border-color:rgb(217, 186, 221) }
```

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

Here you see how a box with a 4 pixel rgb(217, 186, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 186, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 186, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 186,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 199.2590, 7.2410, 17.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 221) }
```

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

```
.background{ background-color: rgb(217,  
186, 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](#).

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