

Converting Colors

YIQ(215.9990, 1.7410, 6.9970)

Have a look what the booklet for
YIQ(215.9990, 1.7410, 6.9970)
contains.

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Color

**YIQ(215.9990, 1.7410,
6.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3E2
RGB	222, 211, 226
RGB Percent	87%, 83%, 89%
CMY	0.1294, 0.1725, 0.1137
CMYK	0.02, 0.07, 0.00, 0.11
HSL	284°, 21%, 86%
HSV	284°, 7%, 89%
XYZ	67.1474, 67.6082, 81.4613
YIQ	215.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

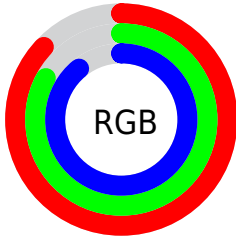
Format	Color
R _Y B	222, 211, 226
Decimal	14603234
CIE Lab	85.81, 6.48, -6.03
CIE LCh	86, 8.849, 317.059
Yxy	67.6082, 0.3106, 0.3127
Android (android.graphics.Color)	4292793314 (0xFFDED3E2)
YUV	215.9990, 4.9305, 5.2629
Hunter-Lab	82.2242, 1.8775, -1.1829

Details

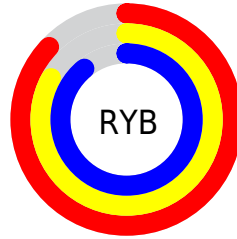
The YIQ color **215.9990, 1.7410, 6.9970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221.0010, -1.7410, -6.9970**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.5860, 1.4660, 6.4740** is the 20% darker color. If you saturate the color by 10%, you get **200.7040, 4.4900, 17.7540**, and if you desaturate by 10%, it is **231.2940, -1.0080, -3.7600**.

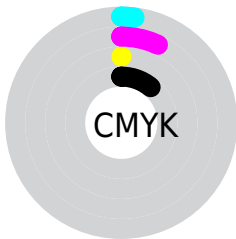
Distribution



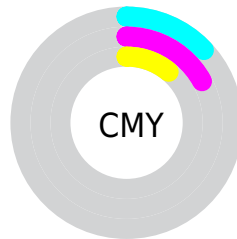
- Red (87%)
- Green (83%)
- Blue (89%)



- Red (87%)
- Yellow (83%)
- Blue (89%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9990, 1.7410, 6.9970 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 215.9990, 1.7410, 6.9970 by changing the saturation by 10% instead.

■ 215.9990, 1.7410,
6.9970

■ 215.9990, 1.7410,
6.9970

255.0000, -0.0000,
-0.0000

■ 187.9990, 1.7410,
6.9970

■ 161.5860, 1.4660,
6.4740

■ 134.8850, 2.0620,
6.6860

■ 109.5860, 1.4660,
6.4740

■ 85.1730, 1.1910,
5.9510

■ 62.0590, 1.5120,
5.6400

■ 40.6460, 1.2370,

5.1170

■ 19.6460, 1.2370,
5.1170

■ 0.0000, 0.0000,
0.0000

■ 215.9990, 1.7410,
6.9970

■ 215.9990, 1.7410,
6.9970

■ 200.7040, 4.4900,
17.7540

■ 231.2940, -1.0080,
-3.7600

■ 185.9960, 6.9640,
27.9880

■ 245.4150, -3.2070,
-13.4710

■ 170.7010, 9.7130,
38.7450

■ 247.2090, 0.3690,
-12.1990

■ 155.9930, 12.1870,
48.9790

■ 249.0030, 3.9450,
-10.9270

■ 140.6980, 14.9360,
59.7360

■ 250.7970, 7.5210,
-9.6550

■ 125.4030, 17.6850,
70.4930

■ 251.6940, 9.3090,
-9.0190

■ 110.6950, 20.1590,
80.7270

■ 95.4000, 22.9080,
91.4840

■ 80.6920, 25.3820,
101.7180

Harmonies

Analogous

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



215.2260, -6.3280, 4.5520



215.9990, 1.7410, 6.9970



216.4190, 9.3060, 7.5620

Triad

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



215.9990, 1.7410, 6.9970



214.8780, 11.9670, -2.1210



212.1120, -15.1750, -5.8230

Complementary

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



215.9990, 1.7410, 6.9970



221.0010, -1.7410, -6.9970

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.



211.9940, -9.0310, -7.0390



215.9990, 1.7410, 6.9970



213.4750, 5.7320, -4.7640

Square

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



215.9990, 1.7410, 6.9970



215.4810, 14.7630, 2.2750



213.0010, -1.7410, -6.9970



212.9210, -15.9550, -2.6990

Rectangle

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



215.9990, 1.7410, 6.9970



216.3330, 12.4240, 6.1200



213.0010, -1.7410, -6.9970



212.0690, -13.6160, -6.5440

Sweetspot

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



215.9990, 1.7410, 6.9970



251.7660, 0.7790, 2.4030



215.0580, -5.9150, 2.5730



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.



215.9990, 1.7410, 6.9970



241.7650, 2.5200, 9.4000



216.8530, 5.0880, 6.9120



104.6460, 1.2370, 5.1170



58.6350, 20.3880, 82.0840



16.2360, 6.0480, 22.5600

Inverse Universe

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



215.9410, 7.6560, 4.4240



241.5500, 10.3150, 5.7950



220.2610, -5.4090, -6.6010



104.6310, 5.5930, 3.2650



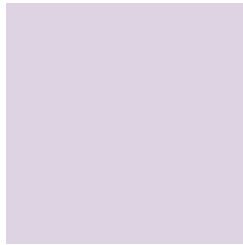
57.9820, 89.8090, 51.9290



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 215.9990, 1.7410, 6.9970 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 215.9990, 1.7410, 6.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

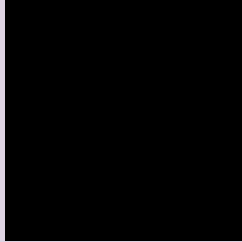
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

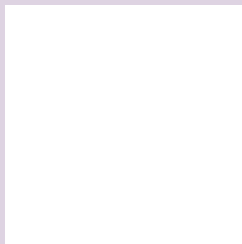
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.9990, 1.7410, 6.9970

Background



This preview shows how black text looks on a background with the YIQ color 215.9990, 1.7410, 6.9970.



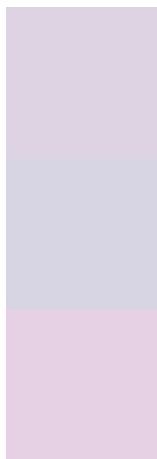
This preview shows how white text looks on a background with the YIQ color 215.9990, 1.7410,

6.9970.

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

215.9990, 1.7410, 6.9970

Protanopia

215.1940, -3.3020, 4.7780

Deuteranopia

216.7440, 7.0130, 10.5730



Tritanopia

216.1130, 1.4200, 7.3080

Trichromacy



Original Color

215.9990, 1.7410, 6.9970

Protanomaly

215.5040, -1.2390, 5.9370

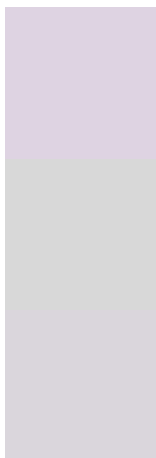
Deuteranomaly

216.4340, 4.9500, 9.4140

Tritanomaly

216.1130, 1.4200, 7.3080

Monochromacy



Original Color

215.9990, 1.7410, 6.9970

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8800, 0.4580, 2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9990, 1.7410, 6.9970 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(222, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 226)  
}
```

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(222, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 226) }
```

Border

The CSS property to change the border of an element to YIQ 215.9990, 1.7410, 6.9970 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(222, 211, 226) }
```


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

```
.border{ border-color:rgb(222, 211, 226) }
```

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

Here you see how a box with a 4 pixel rgb(222, 211, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9990, 1.7410, 6.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 226) }
```

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

```
.background{ background-color: rgb(222,  
211, 226) }
```

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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