

Converting Colors

YIQ(222.3410, 0.7780, 7.9300)

Have a look what the booklet for
YIQ(222.3410, 0.7780, 7.9300)
contains.

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Color

**YIQ(222.3410, 0.7780,
7.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D9EB
RGB	228, 217, 235
RGB Percent	89%, 85%, 92%
CMY	0.1058, 0.1490, 0.0784
CMYK	0.03, 0.08, 0.00, 0.08
HSL	277°, 31%, 89%
HSV	277°, 8%, 92%
XYZ	71.8046, 72.1169, 88.7306
YIQ	222.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

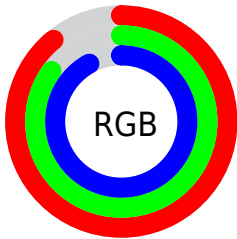
Format	Color
R _Y B	228, 217, 235
Decimal	14997995
CIE Lab	88.02, 7.00, -7.46
CIE LCh	88, 10.226, 313.180
Yxy	72.1169, 0.3086, 0.3100
Android (android.graphics.Color)	4293188075 (0xFFE4D9EB)
YUV	222.3410, 6.2409, 4.9629
Hunter-Lab	84.9217, 2.3159, -2.5041

Details

The YIQ color $222.3410, 0.7780, 7.9300$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.6590, -0.7780, -7.9300$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.2270, 1.0990, 7.6190$ is the 20% darker color. If you saturate the color by 10%, you get $206.1490, 1.7390, 18.0510$, and if you desaturate by 10%, it is $239.1200, -0.4580, -2.7140$.

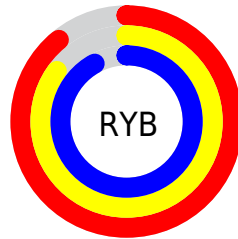
Distribution



Red (89%)

Green (85%)

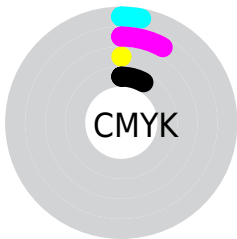
Blue (92%)



Red (89%)

Yellow (85%)

Blue (92%)

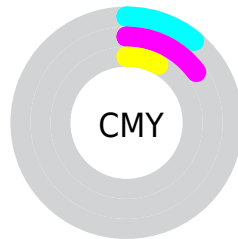


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.3410, 0.7780, 7.9300 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 222.3410, 0.7780, 7.9300 by changing the saturation by 10% instead.

■ 222.3410, 0.7780,
7.9300

■ 222.3410, 0.7780,
7.9300

255.0000, -0.0000,
-0.0000

■ 194.3410, 0.7780,
7.9300

■ 167.2270, 1.0990,
7.6190

■ 140.9280, 0.5030,
7.4070

■ 115.5150, 0.2280,
6.8840

■ 90.5150, 0.2280,
6.8840

■ 67.4010, 0.5490,
6.5730

■ 44.9880, 0.2740,

6.0500

■ 24.4610, 0.3200,
5.2160

■ 1.1400, -3.2100,
3.1100

■ 222.3410, 0.7780,
7.9300

■ 222.3410, 0.7780,
7.9300

■ 206.1490, 1.7390,
18.0510

■ 239.1200, -0.4580,
-2.7140

■ 189.3700, 2.9750,
28.6950

■ 250.0290, 1.0560,
-8.1280

■ 173.1780, 3.9360,
38.8160

■ 252.7200, 6.4200,
-6.2200

■ 156.3990, 5.1720,
49.4600

■ 139.9080, 5.5370,
59.3690

■ 123.1290, 6.7730,
70.0130

■ 106.9370, 7.7340,
80.1340

■ 90.1580, 8.9700,
90.7780

■ 73.9660, 9.9310,
100.8990

Harmonies

Analogous

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



221.0840, -8.8040, 5.3720



222.3410, 0.7780, 7.9300



222.9460, 9.2600, 8.3960

Triad

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



222.3410, 0.7780, 7.9300



220.9600, 14.6720, -1.5840



217.8020, -17.2380, -6.9820

Complementary

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



222.3410, 0.7780, 7.9300



229.6590, -0.7780, -7.9300

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.



217.8690, -10.1770, -8.2970



222.3410, 0.7780, 7.9300



219.7310, 7.8870, -5.2730

Square

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



222.3410, 0.7780, 7.9300



222.5630, 17.4680, 2.8120



218.6590, -0.7780, -7.9300



218.5400, -19.2560, -3.4480

Rectangle

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



222.3410, 0.7780, 7.9300



222.7570, 14.1660, 7.5900



218.6590, -0.7780, -7.9300



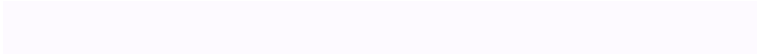
217.9440, -14.7620, -7.8020

Sweetspot

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



222.3410, 0.7780, 7.9300



251.4670, 0.1830, 2.1910



223.1610, -7.7030, 1.9370



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.



222.3410, 0.7780, 7.9300



238.8080, 0.9610, 10.1210



224.2060, 5.5920, 8.7920



109.3470, 0.6410, 4.9050



53.8230, 8.0550, 79.8230



16.0230, 2.3340, 23.7900

Inverse Universe

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



223.1800, 8.4810, 5.9930



239.9030, 10.8190, 7.6750



227.7940, -5.5920, -8.7920



109.7450, 5.2720, 3.5760



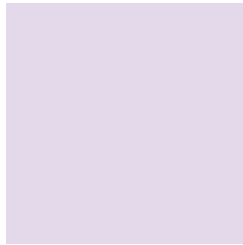
62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 222.3410, 0.7780, 7.9300 looks on a white background.

Color Contrast Check

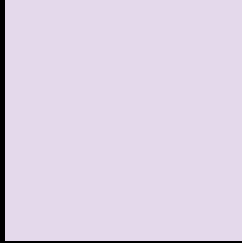
Large Text (above 18pt) WCAG AA × Fail

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 222.3410, 0.7780, 7.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

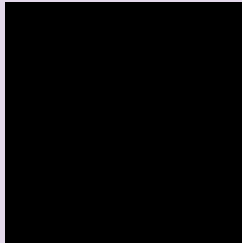
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

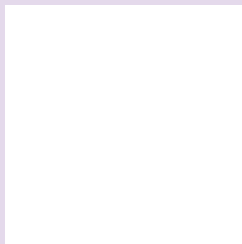
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.3410, 0.7780, 7.9300

Background



This preview shows how black text looks on a background with the YIQ color 222.3410, 0.7780, 7.9300.



This preview shows how white text looks on a background with the YIQ color 222.3410, 0.7780,

7.9300.

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

222.3410, 0.7780, 7.9300

Protanopia

221.2370, -4.8610, 5.4990

Deuteranopia

222.7870, 5.4540, 11.2940



Tritanopia

222.2270, 1.0990, 7.6190

Trichromacy



Original Color

222.3410, 0.7780, 7.9300

Protanomaly

221.5470, -2.7980, 6.6580

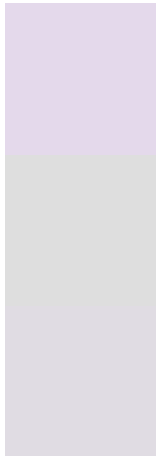
Deuteranomaly

222.4770, 3.3910, 10.1350

Tritanomaly

222.2270, 1.0990, 7.6190

Monochromacy



Original Color

222.3410, 0.7780, 7.9300

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

221.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3410, 0.7780, 7.9300 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(228, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 235)  
}
```

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(228, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 235) }
```

Border

The CSS property to change the border of an element to YIQ 222.3410, 0.7780, 7.9300 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(228, 217, 235) }
```


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

```
.border{ border-color:rgb(228, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3410, 0.7780, 7.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 235) }
```

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

```
.background{ background-color: rgb(228,  
217, 235) }
```

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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