

Converting Colors

YIQ(213.7000, 1.1450, 6.7850)

Have a look what the booklet for
YIQ(213.7000, 1.1450, 6.7850)
contains.

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Color

**YIQ(213.7000, 1.1450,
6.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD1E0
RGB	219, 209, 224
RGB Percent	86%, 82%, 88%
CMY	0.1411, 0.1804, 0.1216
CMYK	0.02, 0.07, 0.00, 0.12
HSL	280°, 19%, 85%
HSV	280°, 7%, 88%
XYZ	65.4697, 66.0420, 79.8165
YIQ	213.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

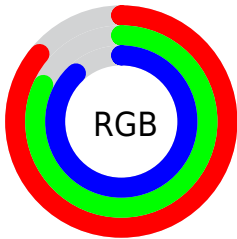
Format	Color
R _Y B	219, 209, 224
Decimal	14406112
CIE Lab	85.02, 6.15, -6.16
CIE LCh	85, 8.709, 314.949
Yxy	66.0420, 0.3098, 0.3125
Android (android.graphics.Color)	4292596192 (0xFFDBD1E0)
YUV	213.7000, 5.0779, 4.6481
Hunter-Lab	81.2662, 1.5873, -1.3459

Details

The YIQ color $213.7000, 1.1450, 6.7850$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.3000, -1.1450, -6.7850$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.2870, 0.8700, 6.2620$ is the 20% darker color. If you saturate the color by 10%, you get $198.6930, 3.0230, 16.8070$, and if you desaturate by 10%, it is $228.7070, -0.7330, -3.2370$.

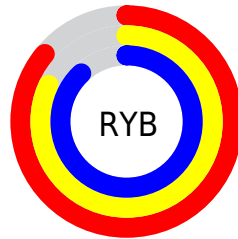
Distribution



Red (86%)

Green (82%)

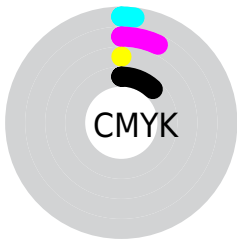
Blue (88%)



Red (86%)

Yellow (82%)

Blue (88%)

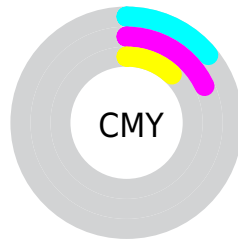


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7000, 1.1450, 6.7850 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 213.7000, 1.1450, 6.7850 by changing the saturation by 10% instead.

■ 213.7000, 1.1450,
6.7850

■ 213.7000, 1.1450,
6.7850

255.0000, -0.0000,
-0.0000

■ 185.7000, 1.1450,
6.7850

■ 159.2870, 0.8700,
6.2620

■ 133.1730, 1.1910,
5.9510

■ 107.8740, 0.5950,
5.7390

■ 83.1730, 1.1910,
5.9510

■ 60.7600, 0.9160,
5.4280

■ 38.3470, 0.6410,

4.9050

■ 17.7600, 0.9160,
5.4280

■ 0.0000, 0.0000,
0.0000

■ 213.7000, 1.1450,
6.7850

■ 213.7000, 1.1450,
6.7850

■ 198.6930, 3.0230,
16.8070

■ 228.7070, -0.7330,
-3.2370

■ 182.8000, 4.5800,
27.1400

■ 244.6000, -2.2900,
-13.5700

■ 167.7930, 6.4580,
37.1620

■ 247.2800, 1.6070,
-12.6090

■ 151.9000, 8.0150,
47.4950

■ 249.6720, 6.3750,
-10.9130

■ 136.8930, 9.8930,
57.5170

■ 251.4660, 9.9510,
-9.6410

■ 121.5870, 11.1750,
67.3270

■ 105.9930, 13.3280,
77.8720

■ 90.6870, 14.6100,
87.6820

■ 75.0930, 16.7630,
98.2270

Harmonies

Analogous

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



212.9270, -6.9240, 4.3400



213.7000, 1.1450, 6.7850



214.1200, 8.7100, 7.3500

Triad

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



213.7000, 1.1450, 6.7850



212.7040, 12.5170, -1.0750



209.7100, -13.9830, -5.3990

Complementary

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



213.7000, 1.1450, 6.7850



219.3000, -1.1450, -6.7850

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.



209.9940, -9.0310, -7.0390



213.7000, 1.1450, 6.7850



211.6600, 6.6490, -4.8630

Square

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



213.7000, 1.1450, 6.7850



213.4810, 14.7630, 2.2750



210.4140, -1.4660, -6.4740



210.0350, -16.2760, -2.3880

Rectangle

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



213.7000, 1.1450, 6.7850



214.3330, 12.4240, 6.1200



210.4140, -1.4660, -6.4740



209.6670, -12.4240, -6.1200

Sweetspot

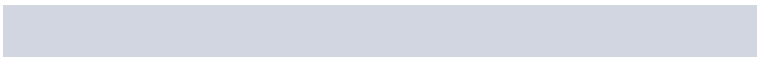
The Sweet Spot groups the original color and five complimentary colors.



213.7000, 1.1450, 6.7850



251.4670, 0.1830, 2.1910



213.6450, -6.1900, 2.0500



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.



213.7000, 1.1450, 6.7850



241.1670, 1.3280, 8.9760



214.8530, 5.0880, 6.9120



104.3470, 0.6410, 4.9050



55.0470, 13.2360, 79.5400



15.0400, 3.6640, 21.7120

Inverse Universe

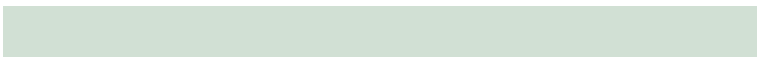
The Inverse Universe completely reimagines the original color for something new.



214.0550, 7.3350, 4.7350



241.6640, 9.9940, 6.1060



218.1470, -5.0880, -6.9120



104.7450, 5.2720, 3.5760



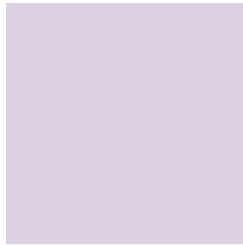
59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 213.7000, 1.1450, 6.7850 looks on a white background.

Color Contrast Check

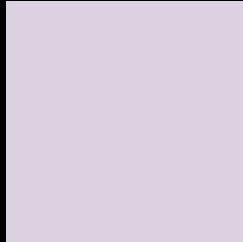
Large Text (above 18pt) WCAG AA × Fail

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 213.7000, 1.1450, 6.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

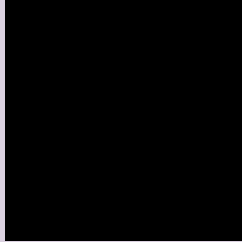
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

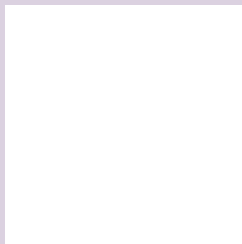
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.7000, 1.1450, 6.7850

Background



This preview shows how black text looks on a background with the YIQ color 213.7000, 1.1450, 6.7850.



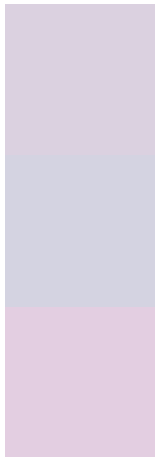
This preview shows how white text looks on a background with the YIQ color 213.7000, 1.1450,

6.7850.

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

213.7000, 1.1450, 6.7850

Protanopia

212.8950, -3.8980, 4.5660

Deuteranopia

214.4450, 6.4170, 10.3610



Tritanopia

213.8140, 0.8240, 7.0960

Trichromacy



Original Color

213.7000, 1.1450, 6.7850

Protanomaly

213.2050, -1.8350, 5.7250

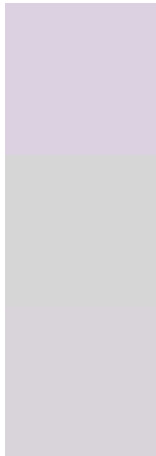
Deuteranomaly

214.1350, 4.3540, 9.2020

Tritanomaly

213.8140, 0.8240, 7.0960

Monochromacy



Original Color

213.7000, 1.1450, 6.7850

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8800, 0.4580, 2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7000, 1.1450, 6.7850 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(219, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 224)  
}
```

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(219, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 224) }
```

Border

The CSS property to change the border of an element to YIQ 213.7000, 1.1450, 6.7850 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(219, 209, 224) }
```


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

```
.border{ border-color:rgb(219, 209, 224) }
```

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

Here you see how a box with a 4 pixel rgb(219, 209, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7000, 1.1450, 6.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 224) }
```

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

```
.background{ background-color: rgb(219,  
209, 224) }
```

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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