

Converting Colors

YIQ(176.4390, 15.7220, 23.4500)

Have a look what the booklet for
YIQ(176.4390, 15.7220, 23.4500)
contains.

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Color

**YIQ(176.4390, 15.7220,
23.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9DC7
RGB	206, 157, 199
RGB Percent	81%, 62%, 78%
CMY	0.1920, 0.3844, 0.2196
CMYK	0.00, 0.24, 0.03, 0.19
HSL	309°, 33%, 71%
HSV	309°, 24%, 81%
XYZ	47.8269, 41.3579, 59.4996
YIQ	176.4390, 15.7220, 23.4500

Conversions

Conversions Part 2

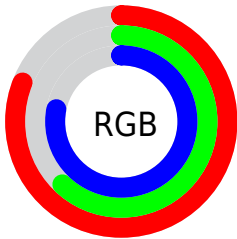
Format	Color
R_{YB}	206, 157, 199
Decimal	13540807
CIE _{Lab}	70.43, 25.17, -14.50
CIE _{LCh}	70, 29.046, 330.050
Yxy	41.3579, 0.3217, 0.2782
Android (android.graphics.Color)	4291730887 (0xFFCE9DC7)
YUV	176.4390, 11.1226, 25.9250
Hunter-Lab	64.3101, 20.2063, -9.8379

Details

The YIQ color **176.4390, 15.7220, 23.4500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.5610, -15.7220, -23.4500**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.7590, 11.8250, 22.4890**, and **123.3140, 14.5760, 22.1920** is the 20% darker color. If you saturate the color by 10%, you get **163.7700, 22.4600, 33.5000**, and if you desaturate by 10%, it is **189.1080, 8.9840, 13.4000**.

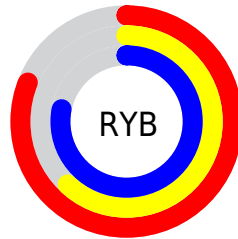
Distribution



Red (81%)

Green (62%)

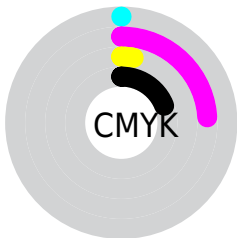
Blue (78%)



Red (81%)

Yellow (62%)

Blue (78%)

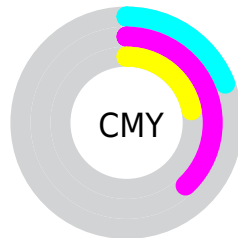


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (19%)



Cyan (19%)


Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.4390, 15.7220, 23.4500 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 176.4390, 15.7220, 23.4500 by changing the saturation by 10% instead.


 176.4390, 15.7220,
23.4500


 176.4390, 15.7220,
23.4500


255.0000, -0.0000,
-0.0000


 149.7270, 14.8510,
22.7150


 229.7590, 11.8250,
22.4890


 123.3140, 14.5760,
22.1920

 246.1950, 4.1250,
7.8450

 98.4880, 14.0260,
21.1460

 73.8900, 12.8340,
20.7220

 50.4770, 12.5590,
20.1990

 27.7650, 11.6880,
19.4640

 13.0590, 10.6800,

15.7040

■ 0.0000, 0.0000,
0.0000

■ 176.4390, 15.7220,
23.4500

■ 176.4390, 15.7220,
23.4500

■ 163.7700, 22.4600,
33.5000

■ 189.1080, 8.9840,
13.4000

■ 151.6880, 28.9230,
43.0270

■ 201.1900, 2.5210,
3.8730

■ 139.0190, 35.6610,
53.0770

■ 213.8590, -4.2170,
-6.1770

■ 126.9370, 42.1240,
62.6040

■ 225.9410,
-10.6800, -15.7040

■ 114.2680, 48.8620,
72.6540

■ 235.6750,
-16.0430, -23.1390

■ 101.5990, 55.6000,
82.7040

■ 236.0170,
-17.0060, -22.2060

■ 89.5170, 62.0630,
92.2310

■ 236.3590,
-17.9690, -21.2730

■ 81.7720, 65.9590,
98.7190

■ 236.7010,
-18.9320, -20.3400

■ 237.0430,
-19.8950, -19.4070

Harmonies

Analogous

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



174.3310, -10.4570, 18.8150



176.4390, 15.7220, 23.4500



176.2100, 35.3000, 21.0600

Triad

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



176.4390, 15.7220, 23.4500



171.0520, 28.6120, -11.9320



158.3650, -61.6640, -16.8320

Complementary

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



176.4390, 15.7220, 23.4500



186.5610, -15.7220, -23.4500

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.



160.3590, -44.3320, -22.5720



176.4390, 15.7220, 23.4500



168.1740, 7.4770, -19.8750

Square

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



176.4390, 15.7220, 23.4500



173.2590, 41.6310, -0.0730



164.0060, -18.4730, -23.1530



162.3690, -58.3190, -5.8630

Rectangle

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



176.4390, 15.7220, 23.4500



174.7560, 42.2700, 15.8860



164.0060, -18.4730, -23.1530



158.5240, -57.8580, -19.7300

Sweetspot

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



176.4390, 15.7220, 23.4500



244.0920, 5.9130, 8.4810



164.6790, -11.5570, 16.7230



121.3150, 3.6670, 5.1310



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.



176.4390, 15.7220, 23.4500



210.3080, 23.8810, 35.2810



173.7030, 23.4260, 15.9860



96.0160, 3.0710, 4.9190



65.8220, 53.3540, 79.3540



15.1240, 12.0550, 18.3190

Inverse Universe

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



176.4390, 15.7220, 23.4500



210.3080, 23.8810, 35.2810



189.2970, -23.4260, -15.9860



96.0160, 3.0710, 4.9190



65.8220, 53.3540, 79.3540



15.1240, 12.0550, 18.3190

Previews

White Background



This preview shows how the YIQ color 176.4390, 15.7220, 23.4500 looks on a white background.

Color Contrast Check

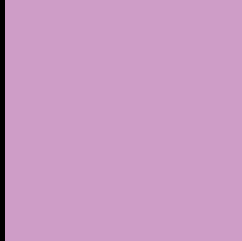
Large Text (above 18pt) WCAG AA × Fail

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 176.4390, 15.7220, 23.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

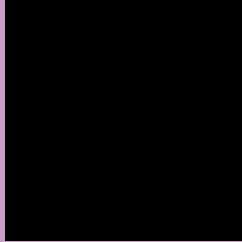
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4390, 15.7220, 23.4500

Background



This preview shows how black text looks on a background with the YIQ color 176.4390, 15.7220, 23.4500.



This preview shows how white text looks on a background with the YIQ color 176.4390, 15.7220,

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

176.4390, 15.7220, 23.4500

Protanopia

173.1250, -16.0490, 10.0230

Deuteranopia

174.2960, -3.3490, 11.1390



Tritanopia

175.0400, 20.8590, 12.9470

Trichromacy



Original Color

176.4390, 15.7220, 23.4500

Protanomaly

174.3330, -4.7710, 14.8850

Deuteranomaly

175.0520, 3.3900, 15.6620

Tritanomaly

175.7780, 18.8410, 16.4810

Monochromacy



Original Color

176.4390, 15.7220, 23.4500

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0920, 5.9130, 8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4390, 15.7220, 23.4500 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(206, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 157, 199)  
}
```

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(206, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 157, 199) }
```

Border

The CSS property to change the border of an element to YIQ 176.4390, 15.7220, 23.4500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

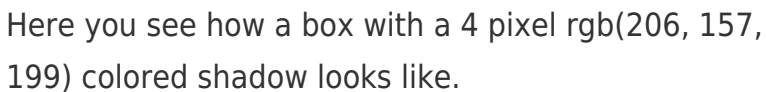
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 157, 199) }
```


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

```
.border{ border-color:rgb(206, 157, 199) }
```

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



Here you see how a box with a 4 pixel rgb(206, 157, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 157,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4390, 15.7220, 23.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 157, 199) }
```

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

```
.background{ background-color: rgb(206,  
157, 199) }
```

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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