

Converting Colors

YIQ(183.7700, 4.1240, 13.3720)

Have a look what the booklet for
YIQ(183.7700, 4.1240, 13.3720)
contains.

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Color

**YIQ(183.7700, 4.1240,
13.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AECA
RGB	196, 174, 202
RGB Percent	77%, 68%, 79%
CMY	0.2313, 0.3177, 0.2078
CMYK	0.03, 0.14, 0.00, 0.21
HSL	287°, 21%, 74%
HSV	287°, 14%, 79%
XYZ	48.5644, 46.2709, 62.2478
YIQ	183.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

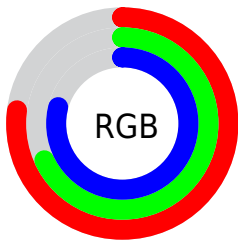
Format	Color
R_{YB}	196, 174, 202
Decimal	12889802
CIE _{Lab}	73.72, 13.00, -11.30
CIE _{LCh}	74, 17.223, 318.999
Yxy	46.2709, 0.3092, 0.2946
Android (android.graphics.Color)	4291079882 (0xFFC4AECA)
YUV	183.7700, 8.9874, 10.7257
Hunter-Lab	68.0227, 8.3991, -6.6406

Details

The YIQ color $183.7700, 4.1240, 13.3720$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $192.2300, -4.1240, -13.3720$, and the grayscale version is $184.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $239.7270, 5.6830, 12.6510$, and $130.9440, 3.5740, 12.3260$ is the 20% darker color. If you saturate the color by 10%, you get $170.8340, 7.2400, 22.9840$, and if you desaturate by 10%, it is $196.7060, 1.0080, 3.7600$.

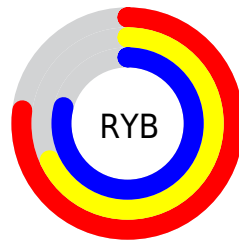
Distribution



Red (77%)

Green (68%)

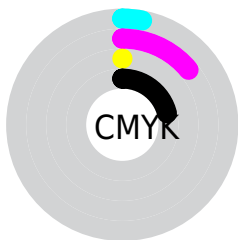
Blue (79%)



Red (77%)

Yellow (68%)

Blue (79%)

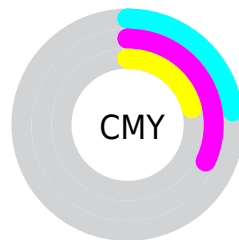


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (23%)

Magenta (32%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.7700, 4.1240, 13.3720 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 183.7700, 4.1240, 13.3720 by changing the saturation by 10% instead.

■ 183.7700, 4.1240,
13.3720

■ 183.7700, 4.1240,
13.3720

255.0000, -0.0000,
-0.0000

■ 156.7700, 4.1240,
13.3720

■ 239.7270, 5.6830,
12.6510

■ 130.9440, 3.5740,
12.3260

■ 105.5310, 3.2990,
11.8030

■ 81.4170, 3.6200,
11.4920

■ 58.0040, 3.3450,
10.9690

■ 36.2920, 2.4740,
10.2340

■ 14.1290, 4.4910,

12.2270

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 183.7700, 4.1240,
13.3720

■ 183.7700, 4.1240,
13.3720

■ 170.8340, 7.2400,
22.9840

■ 196.7060, 1.0080,
3.7600

■ 157.5990, 9.7600,
32.3840

■ 209.9410, -1.5120,
-5.6400

■ 144.0760, 13.1510,
42.5190

■ 223.4640, -4.9030,
-15.7750

■ 131.1400, 16.2670,
52.1310

■ 236.4000, -8.0190,
-25.3870

■ 117.9050, 18.7870,
61.5310

■ 237.8950, -5.0390,
-24.3270

■ 104.9690, 21.9030,
71.1430

■ 239.0910, -2.6550,
-23.4790

■ 92.0330, 25.0190,
80.7550

■ 240.2870, -0.2710,
-22.6310

■ 78.5100, 28.4100,
90.8900

■ 241.7820, 2.7090,
-21.5710

■ 70.5690, 29.9220,
96.5300

■ 242.9780, 5.0930,
-20.7230

Harmonies

Analogous

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



182.0500, -11.4640, 9.5280



183.7700, 4.1240, 13.3720



184.5990, 17.7870, 13.5550

Triad

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



183.7700, 4.1240, 13.3720



181.0870, 21.5040, -4.2560



175.1640, -30.1210, -10.2890

Complementary

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



183.7700, 4.1240, 13.3720



192.2300, -4.1240, -13.3720

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.



176.0310, -19.6210, -13.3570



183.7700, 4.1240, 13.3720



179.3520, 10.2720, -9.9520

Square

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



183.7700, 4.1240, 13.3720



182.6520, 27.4630, 3.3910



177.9310, -4.7200, -13.5840



176.3690, -31.9560, -4.5640

Rectangle

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



183.7700, 4.1240, 13.3720



183.9540, 23.9770, 11.5050



177.9310, -4.7200, -13.5840



175.0780, -27.0030, -11.7310

Sweetspot

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



183.7700, 4.1240, 13.3720



248.5320, 1.5580, 4.8060



180.7140, -10.6380, 5.5700



123.2930, 0.7330, 3.2370



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.



183.7700, 4.1240, 13.3720



227.0680, 6.4610, 20.5810



184.6520, 10.2680, 12.1560



95.5320, 1.5580, 4.8060



57.7940, 24.1940, 79.1860



13.3020, 5.6820, 18.1780

Inverse Universe

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



183.0560, 14.7620, 7.8020



225.8830, 22.7390, 11.9150



191.3480, -10.2680, -12.1560



95.2180, 5.3180, 2.7420



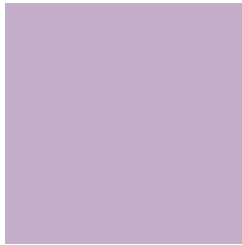
53.6240, 87.7010, 46.0770



12.2740, 20.0800, 10.5440

Previews

White Background



This preview shows how the YIQ color 183.7700, 4.1240, 13.3720 looks on a white background.

Color Contrast Check

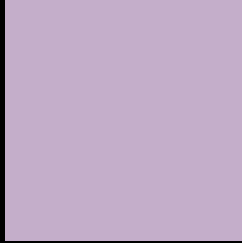
Large Text (above 18pt) WCAG AA × Fail

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 183.7700, 4.1240, 13.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

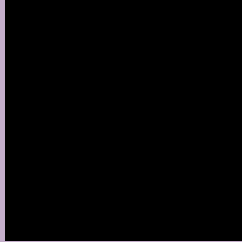
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.7700, 4.1240, 13.3720

Background



This preview shows how black text looks on a background with the YIQ color 183.7700, 4.1240, 13.3720.



This preview shows how white text looks on a background with the YIQ color 183.7700, 4.1240,

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

183.7700, 4.1240, 13.3720

Protanopia

182.0670, -10.1340, 7.4500

Deuteranopia

182.8510, -0.5980, 10.8420



Tritanopia

182.9780, 6.2340, 8.1700

Trichromacy



Original Color

183.7700, 4.1240, 13.3720

Protanomaly

182.8720, -5.0910, 9.6690

Deuteranomaly

183.1610, 1.4650, 12.0010

Tritanomaly

183.1460, 5.8210, 10.1490

Monochromacy



Original Color

183.7700, 4.1240, 13.3720

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.7700, 4.1240, 13.3720 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(196, 174, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 202)  
}
```

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(196, 174, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 202) }
```

Border

The CSS property to change the border of an element to YIQ 183.7700, 4.1240, 13.3720 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(196, 174, 202) }
```


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

```
.border{ border-color:rgb(196, 174, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 183.7700, 4.1240, 13.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 202) }
```

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

```
.background{ background-color: rgb(196,  
174, 202) }
```

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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