

Converting Colors

YIQ(174.8700, 7.5590, 33.7270)

Have a look what the booklet for
YIQ(174.8700, 7.5590, 33.7270)
contains.

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Color

**YIQ(174.8700, 7.5590,
33.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	CB97E0
RGB	203, 151, 224
RGB Percent	80%, 59%, 88%
CMY	0.2037, 0.4079, 0.1216
CMYK	0.09, 0.33, 0.00, 0.12
HSL	283°, 54%, 74%
HSV	283°, 33%, 88%
XYZ	49.1571, 40.2103, 75.6867
YIQ	174.8700, 7.5590, 33.7270

Conversions

Conversions Part 2

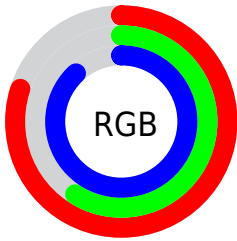
Format	Color
R _Y B	203, 151, 224
Decimal	13342688
CIE Lab	69.62, 32.30, -29.55
CIE LCh	70, 43.776, 317.547
Yxy	40.2103, 0.2978, 0.2436
Android (android.graphics.Color)	4291532768 (0xFFFCB97E0)
YUV	174.8700, 24.2211, 24.6700
Hunter-Lab	63.4116, 27.4043, -26.3792

Details

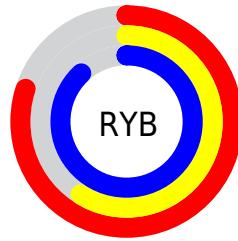
The YIQ color $174.8700, 7.5590, 33.7270$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $200.1300, -7.5590, -33.7270$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $226.2370, 13.4750, 25.6270$, and $121.6310, 6.7340, 32.1580$ is the 20% darker color. If you saturate the color by 10%, you get $160.1620, 10.0330, 43.9610$, and if you desaturate by 10%, it is $189.5780, 5.0850, 23.4930$.

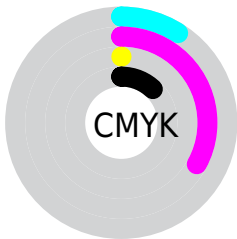
Distribution



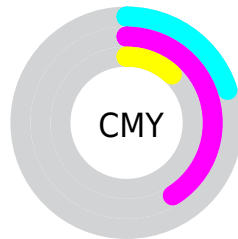
- Red (80%)
- Green (59%)
- Blue (88%)



- Red (80%)
- Yellow (59%)
- Blue (88%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)





- Cyan (20%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8700, 7.5590, 33.7270 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 174.8700, 7.5590, 33.7270 by changing the saturation by 10% instead.


 174.8700, 7.5590,
33.7270

 174.8700, 7.5590,
33.7270

255.0000, -0.0000,
-0.0000

 148.0440, 7.0090,
32.6810


 226.2370, 13.4750,
25.6270


 121.6310, 6.7340,
32.1580

 242.6730, 5.7750,
10.9830

 96.3920, 5.9090,
30.5890

 71.8650, 5.9550,
29.7550

 47.4520, 5.6800,
29.2320

 23.4520, 5.6800,
29.2320

 13.8010, 2.8390,

20.1430

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 174.8700, 7.5590,
33.7270

■ 174.8700, 7.5590,
33.7270

■ 160.1620, 10.0330,
43.9610

■ 189.5780, 5.0850,
23.4930

■ 144.5680, 12.1860,
54.5060

■ 205.1720, 2.9320,
12.9480

■ 129.8600, 14.6600,
64.7400

■ 219.8800, 0.4580,
2.7140

■ 114.2660, 16.8130,
75.2850

■ 235.4740, -1.6950,
-7.8310

99.5580, 19.2870,
85.5190

245.4860, -1.9690,
-13.8810

84.5510, 21.1650,
95.5410

247.5790, 2.2030,
-12.3970

73.3760, 23.4560,
103.5840

249.3730, 5.7790,
-11.1250

251.1670, 9.3550,
-9.8530

251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



169.7380, -36.4080, 21.0640



174.8700, 7.5590, 33.7270



174.1760, 41.8080, 35.2800

Triad

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



174.8700, 7.5590, 33.7270



168.0730, 50.4820, -11.8060



134.1190, -114.4780, -39.8700

Complementary

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



174.8700, 7.5590, 33.7270



200.1300, -7.5590, -33.7270

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.



149.4890, -59.9180, -37.4700



174.8700, 7.5590, 33.7270



164.6410, 24.8550, -26.4490

Square

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



174.8700, 7.5590, 33.7270



170.3220, 63.6830, 7.7710



159.0910, -11.8230, -33.5430



135.7610, -124.6130, -26.8930

Rectangle

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



174.8700, 7.5590, 33.7270



172.6150, 56.3890, 29.8370



159.0910, -11.8230, -33.5430



132.5230, -109.9840, -44.2240

Sweetspot

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



174.8700, 7.5590, 33.7270



238.2320, 2.7030, 11.5910



172.2360, -29.4830, 11.1970



117.1130, 1.4200, 7.3080



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.



174.8700, 7.5590, 33.7270



188.2160, 9.9410, 45.6290



179.4390, 24.8900, 33.5140



104.6460, 1.2370, 5.1170



57.4390, 18.0040, 81.2360



15.9370, 5.4520, 22.3480

Inverse Universe

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



175.2210, 36.7670, 22.0070



188.7930, 50.0160, 29.6960



195.5610, -24.8900, -33.5140



104.6310, 5.5930, 3.2650



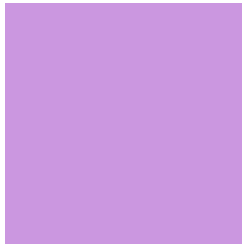
58.3240, 88.8460, 52.8620



15.9480, 24.1140, 14.5300

Previews

White Background



This preview shows how the YIQ color 174.8700, 7.5590, 33.7270 looks on a white background.

Color Contrast Check

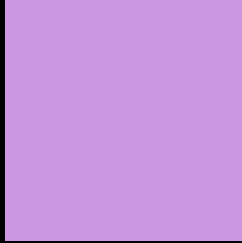
Large Text (above 18pt) WCAG AA × Fail

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 174.8700, 7.5590, 33.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

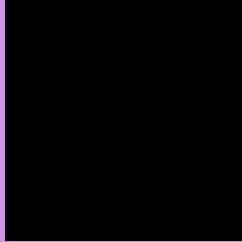
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.8700, 7.5590, 33.7270

Background



This preview shows how black text looks on a background with the YIQ color 174.8700, 7.5590, 33.7270.



This preview shows how white text looks on a background with the YIQ color 174.8700, 7.5590,

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

174.8700, 7.5590, 33.7270

Protanopia

170.1850, -33.4730, 17.4310

Deuteranopia

171.0630, -21.5060, 15.3100



Tritanopia

172.6480, 16.0910, 11.2510

Trichromacy



Original Color

174.8700, 7.5590, 33.7270



Protanomaly

172.0730, -18.2980, 23.2540



Deuteranomaly

172.4390, -10.6410, 22.1510



Tritanomaly

173.2490, 13.2010, 19.5770

Monochromacy



Original Color

174.8700, 7.5590, 33.7270



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.7590, 2.6570, 12.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8700, 7.5590, 33.7270 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(203, 151, 224)` looks like.

```
.text, #text, p{  
    color:rgb(203, 151, 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(203, 151, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 151, 224) }
```

Border

The CSS property to change the border of an element to YIQ 174.8700, 7.5590, 33.7270 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(203, 151, 224) }
```


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

```
.border{ border-color:rgb(203, 151, 224) }
```

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

Here you see how a box with a 4 pixel rgb(203, 151, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 151, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 151, 224);  
box-shadow:4px 4px 4px 4px rgb(203, 151,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8700, 7.5590, 33.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 151, 224) }
```

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

```
.background{ background-color: rgb(203,  
151, 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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