

Converting Colors

YIQ(174.6720, 33.8790, 19.2790)

Have a look what the booklet for
YIQ(174.6720, 33.8790, 19.2790)
contains.

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Color

**YIQ(174.6720, 33.8790,
19.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	DB99AA
RGB	219, 153, 170
RGB Percent	86%, 60%, 67%
CMY	0.1410, 0.4001, 0.3332
CMYK	0.00, 0.30, 0.22, 0.14
HSL	345°, 48%, 73%
HSV	345°, 30%, 86%
XYZ	47.8716, 40.7435, 43.3867
YIQ	174.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

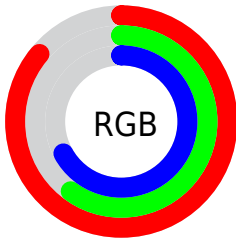
Format	Color
RYB	219, 153, 170
Decimal	14391722
CIELab	70.00, 27.15, 1.10
CIELCh	70, 27.167, 2.311
Yxy	40.7435, 0.3627, 0.3087
Android (android.graphics.Color)	4292581802 (0xFFDB99AA)
YUV	174.6720, -2.3033, 38.8757
Hunter-Lab	63.8307, 22.1674, 4.3811

Details

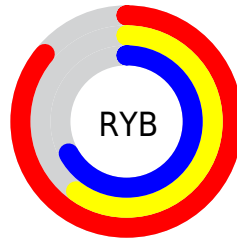
The YIQ color **174.6720, 33.8790, 19.2790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **197.3280, -33.8790, -19.2790**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9910, 22.5550, 15.2510**, and **121.4760, 31.4950, 18.4310** is the 20% darker color. If you saturate the color by 10%, you get **159.9340, 45.0650, 25.8090**, and if you desaturate by 10%, it is **189.4100, 22.6930, 12.7490**.

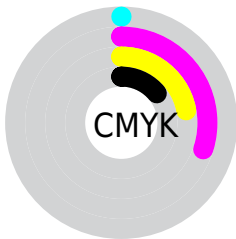
Distribution



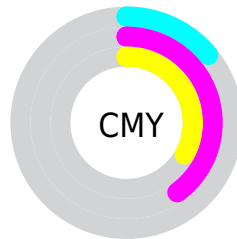
- Red (86%)
- Green (60%)
- Blue (67%)



- Red (86%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.6720, 33.8790, 19.2790 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 174.6720, 33.8790, 19.2790 by changing the saturation by 10% instead.


 174.6720, 33.8790,
19.2790


 174.6720, 33.8790,
19.2790

255.0000, -0.0000,
-0.0000


 148.0740, 32.6870,
18.8550


 223.9910, 22.5550,
15.2510


 121.4760, 31.4950,
18.4310

 243.7330, 5.5460,
9.6260

 96.4650, 30.0280,
17.4840

 71.6820, 27.9190,
17.1590

 48.1980, 26.4060,
17.0460

 24.2410, 24.8470,
17.7670

 12.0740, 23.5190,

8.7910

0.0000, 0.0000,
0.0000

174.6720, 33.8790,
19.2790

174.6720, 33.8790,
19.2790

159.9340, 45.0650,
25.8090

189.4100, 22.6930,
12.7490

145.1960, 56.2510,
32.3390

204.2620, 11.1860,
6.5300

130.3440, 67.7580,
38.5580

219.0000, 0.0000,
-0.0000

115.6060, 78.9440,
45.0880

233.7380,
-11.1860, -6.5300

100.8680, 90.1300,
51.6180

243.7800,
-20.1720, -8.8760

■ 86.7170, 101.0410,
57.6250

■ 244.2360,
-21.4560, -7.6320

■ 71.9790, 112.2270,
64.1550

Harmonies

Analogous

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



174.6840, 16.4100, 21.9940



174.6720, 33.8790, 19.2790



173.4090, 41.6290, 10.9810

Triad

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



174.6720, 33.8790, 19.2790



167.0320, 5.0010, -19.0550



163.2450, -52.0380, -4.0540

Complementary

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



174.6720, 33.8790, 19.2790



197.3280, -33.8790, -19.2790

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.



159.1700, -56.6210, -14.6130



174.6720, 33.8790, 19.2790



163.6470, -18.8400, -22.0080

Square

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



174.6720, 33.8790, 19.2790



169.6110, 25.5400, -11.3240



160.1960, -42.3150, -20.5790



169.3880, -32.9670, 8.2570

Rectangle

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



174.6720, 33.8790, 19.2790



172.1820, 40.5300, 3.3620



160.1960, -42.3150, -20.5790



160.8700, -55.4760, -7.8280

Sweetspot

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



174.6720, 33.8790, 19.2790



239.5610, 11.7820, 6.7420



174.8760, 7.4220, 30.7020



117.9410, 7.6560, 4.4240



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.



174.6720, 33.8790, 19.2790



193.2440, 47.1280, 26.9680



181.5390, 35.2110, 6.1470



102.6310, 5.5930, 3.2650



56.8570, 88.6630, 50.6710



15.1220, 23.5640, 13.4840

Inverse Universe

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



174.6720, 33.8790, 19.2790



193.2440, 47.1280, 26.9680



190.4610, -35.2110, -6.1470



102.6310, 5.5930, 3.2650



56.8570, 88.6630, 50.6710



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 174.6720, 33.8790, 19.2790 looks on a white background.

Color Contrast Check

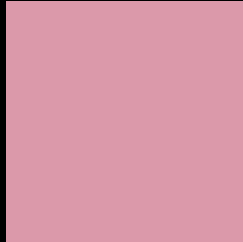
Large Text (above 18pt) WCAG AA × Fail

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 174.6720, 33.8790, 19.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

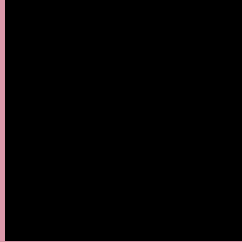
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.6720, 33.8790, 19.2790

Background



This preview shows how black text looks on a background with the YIQ color 174.6720, 33.8790, 19.2790.



This preview shows how white text looks on a background with the YIQ color 174.6720, 33.8790,

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

174.6720, 33.8790, 19.2790

Protanopia

171.7380, -2.0180, 3.5340

Deuteranopia

173.1050, 13.0660, 5.4980



Tritanopia

174.6890, 35.2090, 17.2010

Trichromacy



Original Color

174.6720, 33.8790, 19.2790

Protanomaly

172.8430, 11.0480, 9.0320

Deuteranomaly

173.5730, 20.6760, 10.7560

Tritanomaly

174.9170, 34.5670, 17.8230

Monochromacy



Original Color

174.6720, 33.8790, 19.2790

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

174.8600, 12.3780, 6.9540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.6720, 33.8790, 19.2790 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, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 153, 170)  
}
```

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, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 153, 170) }
```

Border

The CSS property to change the border of an element to YIQ 174.6720, 33.8790, 19.2790 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, 153, 170) }
```


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

```
.border{ border-color:rgb(219, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 153,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 174.6720, 33.8790, 19.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 153, 170) }
```

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

```
.background{ background-color: rgb(219,  
153, 170) }
```

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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