

Converting Colors

YIQ(172.5690, 35.6670, 19.9150)

Have a look what the booklet for
YIQ(172.5690, 35.6670, 19.9150)
contains.

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Color

**YIQ(172.5690, 35.6670,
19.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	DB96A7
RGB	219, 150, 167
RGB Percent	86%, 59%, 65%
CMY	0.1410, 0.4119, 0.3450
CMYK	0.00, 0.32, 0.24, 0.14
HSL	345°, 49%, 72%
HSV	345°, 32%, 86%
XYZ	47.1066, 39.6617, 41.7478
YIQ	172.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

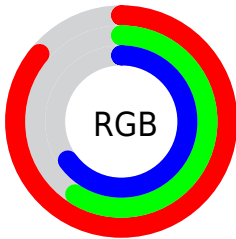
Format	Color
R_{YB}	219, 150, 167
Decimal	14390951
CIE _{Lab}	69.23, 28.32, 1.65
CIE _{LCh}	69, 28.373, 3.331
Yxy	39.6617, 0.3665, 0.3086
Android (android.graphics.Color)	4292581031 (0xFFDB96A7)
YUV	172.5690, -2.7455, 40.7200
Hunter-Lab	62.9775, 23.3058, 4.7809

Details

The YIQ color **172.5690, 35.6670, 19.9150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.4310, -35.6670, -19.9150**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8880, 24.3430, 15.8870**, and **119.3730, 33.2830, 19.0670** is the 20% darker color. If you saturate the color by 10%, you get **157.8310, 46.8530, 26.4450**, and if you desaturate by 10%, it is **187.4210, 24.1600, 13.6960**.

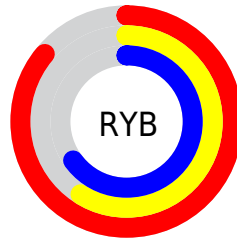
Distribution



Red (86%)

Green (59%)

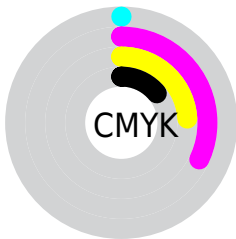
Blue (65%)



Red (86%)

Yellow (59%)

Blue (65%)

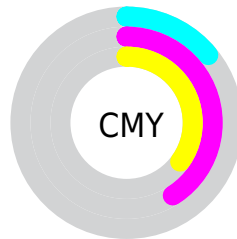


Cyan (0%)

Magenta (32%)

Yellow (24%)

Black (14%)



Cyan (14%)


Magenta (41%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.5690, 35.6670, 19.9150 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 172.5690, 35.6670, 19.9150 by changing the saturation by 10% instead.


 172.5690, 35.6670,
19.9150

 172.5690, 35.6670,
19.9150


255.0000, -0.0000,
-0.0000


 145.9710, 34.4750,
19.4910


 221.8880, 24.3430,
15.8870


 119.3730, 33.2830,
19.0670

 241.6300, 7.3340,
10.2620

 94.4760, 31.4950,
18.4310

 69.5790, 29.7070,
17.7950

 45.2090, 27.8730,
17.9930

 21.3660, 25.9930,
19.0250

 11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 172.5690, 35.6670,
19.9150

■ 172.5690, 35.6670,
19.9150

■ 157.8310, 46.8530,
26.4450

■ 187.4210, 24.1600,
13.6960

■ 142.9790, 58.3600,
32.6640

■ 202.1590, 12.9740,
7.1660

■ 128.2410, 69.5460,
39.1940

■ 217.0110, 1.4670,
0.9470

■ 113.3890, 81.0530,
45.4130

■ 231.7490, -9.7190,
-5.5830

■ 98.6510, 92.2390,
51.9430

■ 243.6660,
-19.8510, -9.1870

■ 84.3860, 103.4710,
57.6390

■ 244.2360,
-21.4560, -7.6320

■ 71.6370, 113.1900,
63.2220

Harmonies

Analogous

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



172.8090, 17.5560, 23.2520



172.5690, 35.6670, 19.9150



170.8930, 43.1420, 11.0940

Triad

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



172.5690, 35.6670, 19.9150



164.5050, 5.0470, -19.8890



160.2770, -55.0640, -4.2800

Complementary

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



172.5690, 35.6670, 19.9150



196.4310, -35.6670, -19.9150

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.



155.7890, -59.9220, -15.3620



172.5690, 35.6670, 19.9150



160.7500, -20.6280, -22.6440

Square

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



172.5690, 35.6670, 19.9150



167.3830, 26.1820, -11.9460



156.8150, -45.6160, -21.3280



166.7300, -33.9300, 9.1900

Rectangle

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



172.5690, 35.6670, 19.9150



170.2530, 41.7680, 2.9520



156.8150, -45.6160, -21.3280



158.4890, -58.7770, -8.5770

Sweetspot

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



172.5690, 35.6670, 19.9150



239.5610, 11.7820, 6.7420



173.4140, 8.8430, 32.4830



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.



172.5690, 35.6670, 19.9150



189.7390, 50.1080, 28.0280



180.6100, 36.4490, 5.7370



102.5170, 5.9140, 2.9540



56.6290, 89.3050, 50.0490



15.0080, 23.8850, 13.1730

Inverse Universe

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



172.5690, 35.6670, 19.9150



189.7390, 50.1080, 28.0280



188.3900, -36.4490, -5.7370



102.5170, 5.9140, 2.9540



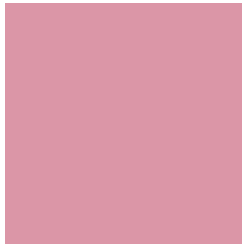
56.6290, 89.3050, 50.0490



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 172.5690, 35.6670, 19.9150 looks on a white background.

Color Contrast Check

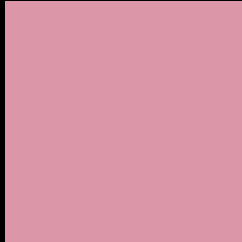
Large Text (above 18pt) WCAG AA × Fail

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 172.5690, 35.6670, 19.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

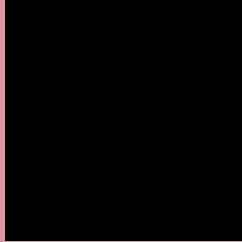
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.5690, 35.6670, 19.9150

Background



This preview shows how black text looks on a background with the YIQ color 172.5690, 35.6670, 19.9150.



This preview shows how white text looks on a background with the YIQ color 172.5690, 35.6670,

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

172.5690, 35.6670, 19.9150

Protanopia

169.7380, -2.0180, 3.5340

Deuteranopia

170.9910, 13.3870, 5.1870



Tritanopia

172.5860, 36.9970, 17.8370

Trichromacy



Original Color

172.5690, 35.6670, 19.9150

Protanomaly

170.5550, 11.9190, 9.7670

Deuteranomaly

171.7580, 21.5930, 10.6570

Tritanomaly

172.8140, 36.3550, 18.4590

Monochromacy



Original Color

172.5690, 35.6670, 19.9150

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1590, 12.9740, 7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.5690, 35.6670, 19.9150 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, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 167)  
}
```

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, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 167) }
```

Border

The CSS property to change the border of an element to YIQ 172.5690, 35.6670, 19.9150 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, 150, 167) }
```


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

```
.border{ border-color:rgb(219, 150, 167) }
```

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

Here you see how a box with a 4 pixel rgb(219, 150, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 172.5690, 35.6670, 19.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 167) }
```

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

```
.background{ background-color: rgb(219,  
150, 167) }
```

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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