

Converting Colors

YIQ(173.7330, 14.7140, 19.6900)

Have a look what the booklet for
YIQ(173.7330, 14.7140, 19.6900)
contains.

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Color

**YIQ(173.7330, 14.7140,
19.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DBF
RGB	200, 157, 191
RGB Percent	78%, 62%, 75%
CMY	0.2156, 0.3844, 0.2509
CMYK	0.00, 0.22, 0.05, 0.22
HSL	313°, 28%, 70%
HSV	313°, 22%, 78%
XYZ	45.2866, 40.1535, 54.6585
YIQ	173.7330, 14.7140, 19.6900

Conversions

Conversions Part 2

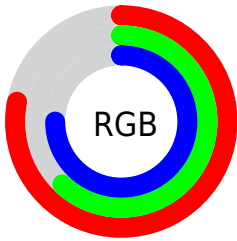
Format	Color
R_{YB}	200, 157, 191
Decimal	13147583
CIE _{Lab}	69.58, 21.65, -11.40
CIE _{LCh}	70, 24.468, 332.228
Yxy	40.1535, 0.3232, 0.2866
Android (android.graphics.Color)	4291337663 (0xFFC89DBF)
YUV	173.7330, 8.5126, 23.0362
Hunter-Lab	63.3668, 16.6775, -6.7852

Details

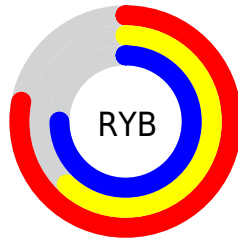
The YIQ color **173.7330, 14.7140, 19.6900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.2670, -14.7140, -19.6900**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8470, 14.3930, 20.0010**, and **121.0210, 13.8430, 18.9550** is the 20% darker color. If you saturate the color by 10%, you get **161.5370, 21.4980, 28.9060**, and if you desaturate by 10%, it is **185.9290, 7.9300, 10.4740**.

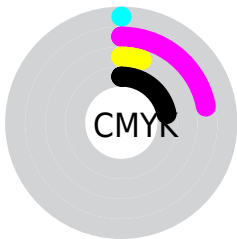
Distribution



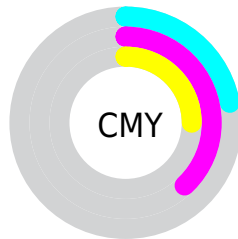
- Red (78%)
- Green (62%)
- Blue (75%)



- Red (78%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.7330, 14.7140, 19.6900 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 173.7330, 14.7140, 19.6900 by changing the saturation by 10% instead.


 173.7330, 14.7140,
19.6900


 173.7330, 14.7140,
19.6900


255.0000, -0.0000,
-0.0000


 147.0210, 13.8430,
18.9550


 228.8470, 14.3930,
20.0010


 121.0210, 13.8430,
18.9550

 246.1950, 4.1250,
7.8450

 96.1950, 13.2930,
17.9090

 71.5970, 12.1010,
17.4850

 48.7710, 11.5510,
16.4390

 26.4720, 10.9550,
16.2270

 11.1790, 10.2220,

12.9900

■ 0.0000, 0.0000,
0.0000

■ 173.7330, 14.7140,
19.6900

■ 173.7330, 14.7140,
19.6900

■ 161.5370, 21.4980,
28.9060

■ 185.9290, 7.9300,
10.4740

■ 149.3410, 28.2820,
38.1220

■ 198.1250, 1.1460,
1.2580

■ 137.0310, 35.3870,
47.0270

■ 210.4350, -5.9590,
-7.6470

■ 124.8350, 42.1710,
56.2430

■ 222.6310,
-12.7430, -16.8630

■ 112.6390, 48.9550,
65.4590

■ 233.6530,
-18.9770, -25.0330

■ 100.4430, 55.7390,
74.6750

■ 234.1090,
-20.2610, -23.7890

■ 88.2470, 62.5230,
83.8910

■ 234.5650,
-21.5450, -22.5450

■ 77.8120, 68.4820,
91.5380

■ 235.1350,
-23.1500, -20.9900

■ 235.5910,
-24.4340, -19.7460

Harmonies

Analogous

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



172.4900, -6.6510, 15.9170



173.7330, 14.7140, 19.6900



173.3510, 30.3490, 17.1730

Triad

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



173.7330, 14.7140, 19.6900



168.8820, 23.3390, -9.9810



160.2310, -49.4230, -12.9030

Complementary

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



173.7330, 14.7140, 19.6900



183.2670, -14.7140, -19.6900

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.



161.0010, -37.2720, -18.3600



173.7330, 14.7140, 19.6900



166.4990, 5.1840, -16.8640

Square

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



173.7330, 14.7140, 19.6900



171.0240, 34.9830, -0.7370



163.0110, -16.8690, -19.1810



163.5940, -45.7110, -3.0790

Rectangle

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



173.7330, 14.7140, 19.6900



172.8260, 36.0810, 12.4090



163.0110, -16.8690, -19.1810



159.7320, -46.5800, -14.8680

Sweetspot

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



173.7330, 14.7140, 19.6900



245.8530, 5.0880, 6.9120



164.5930, -8.4390, 15.2810



122.4890, 3.1170, 4.0850



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.



173.7330, 14.7140, 19.6900



214.6620, 22.6440, 30.1640



171.3390, 21.4550, 13.1590



93.4890, 3.1170, 4.0850



63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Inverse Universe

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



173.7330, 14.7140, 19.6900



214.6620, 22.6440, 30.1640



185.6610, -21.4550, -13.1590



93.4890, 3.1170, 4.0850



63.4430, 55.7390, 74.6750



13.9560, 12.4680, 16.3400

Previews

White Background



This preview shows how the YIQ color 173.7330, 14.7140, 19.6900 looks on a white background.

Color Contrast Check

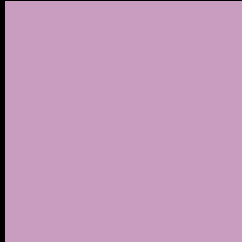
Large Text (above 18pt) WCAG AA × Fail

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 173.7330, 14.7140, 19.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

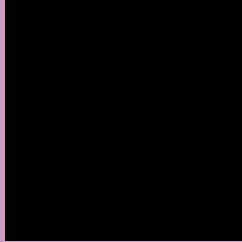
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.7330, 14.7140, 19.6900

Background



This preview shows how black text looks on a background with the YIQ color 173.7330, 14.7140, 19.6900.



This preview shows how white text looks on a background with the YIQ color 173.7330, 14.7140,

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

173.7330, 14.7140, 19.6900

Protanopia

171.2240, -12.0140, 8.4820

Deuteranopia

172.2100, -0.2310, 9.6970



Tritanopia

172.8440, 18.4750, 12.0990

Trichromacy



Original Color

173.7330, 14.7140, 19.6900

Protanomaly

172.4210, -2.2030, 12.3970

Deuteranomaly

172.9550, 5.0410, 13.2730

Tritanomaly

173.3540, 17.0990, 15.0110

Monochromacy



Original Color

173.7330, 14.7140, 19.6900

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.8530, 5.0880, 6.9120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.7330, 14.7140, 19.6900 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(200, 157, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 191)  
}
```

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(200, 157, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 191) }
```

Border

The CSS property to change the border of an element to YIQ 173.7330, 14.7140, 19.6900 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(200, 157, 191) }
```


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

```
.border{ border-color:rgb(200, 157, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 173.7330, 14.7140, 19.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 191) }
```

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

```
.background{ background-color: rgb(200,  
157, 191) }
```

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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