

Converting Colors

YIQ(172.7100, 4.3530, 14.7290)

Have a look what the booklet for
YIQ(172.7100, 4.3530, 14.7290)
contains.

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Color

**YIQ(172.7100, 4.3530,
14.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA2C1
RGB	186, 162, 193
RGB Percent	73%, 64%, 76%
CMY	0.2705, 0.3647, 0.2431
CMYK	0.04, 0.16, 0.00, 0.24
HSL	286°, 20%, 70%
HSV	286°, 16%, 76%
XYZ	42.7984, 40.1289, 55.9410
YIQ	172.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

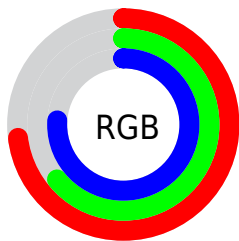
Format	Color
R_{YB}	186, 162, 193
Decimal	12231361
CIE _{Lab}	69.56, 14.44, -12.67
CIE _{LCh}	70, 19.206, 318.743
Yxy	40.1289, 0.3082, 0.2890
Android (android.graphics.Color)	4290421441 (0xFFBAA2C1)
YUV	172.7100, 10.0030, 11.6553
Hunter-Lab	63.3473, 9.7395, -8.0149

Details

The YIQ color $172.7100, 4.3530, 14.7290$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.2900, -4.3530, -14.7290$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.1230, 4.6280, 15.2520$, and $120.1830, 4.3990, 13.8950$ is the 20% darker color. If you saturate the color by 10%, you get $160.3610, 7.1940, 23.8180$, and if you desaturate by 10%, it is $185.0590, 1.5120, 5.6400$.

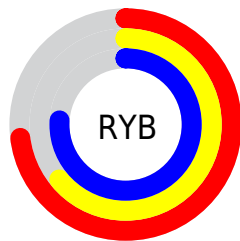
Distribution



Red (73%)

Green (64%)

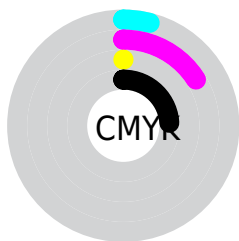
Blue (76%)



Red (73%)

Yellow (64%)

Blue (76%)

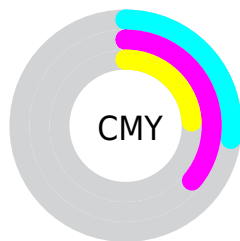


Cyan (4%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7100, 4.3530, 14.7290 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 172.7100, 4.3530, 14.7290 by changing the saturation by 10% instead.

■ 172.7100, 4.3530,
14.7290

■ 172.7100, 4.3530,
14.7290

255.0000, -0.0000,
-0.0000

■ 146.2970, 4.0780,
14.2060

■ 228.1230, 4.6280,
15.2520

■ 120.1830, 4.3990,
13.8950

■ 249.1300, 2.7500,
5.2300

■ 95.4710, 3.5280,
13.1600

■ 71.3570, 3.8490,
12.8490

■ 48.9440, 3.5740,
12.3260

■ 27.8190, 2.4280,
11.0680

■ 7.8190, 2.4280,

11.0680

■ 0.0000, 0.0000,
0.0000

■ 172.7100, 4.3530,
14.7290

■ 172.7100, 4.3530,
14.7290

■ 160.3610, 7.1940,
23.8180

■ 185.0590, 1.5120,
5.6400

■ 147.1260, 9.7140,
33.2180

■ 198.2940, -1.0080,
-3.7600

■ 134.7770, 12.5550,
42.3070

■ 210.6430, -3.8490,
-12.8490

■ 122.4280, 15.3960,
51.3960

■ 222.9920, -6.6900,
-21.9380

■ 109.1930, 17.9160,
60.7960

■ 233.8790, -8.1100,
-29.2460

■ 96.8440, 20.7570,
69.8850

■ 235.0750, -5.7260,
-28.3980

■ 84.4950, 23.5980,
78.9740

■ 236.2710, -3.3420,
-27.5500

■ 71.8470, 25.8430,
87.8510

■ 237.7660, -0.3620,
-26.4900

■ 66.8520, 27.4470,
91.8230

■ 238.9620, 2.0220,
-25.6420

Harmonies

Analogous

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



170.7940, -13.6190, 10.0370



172.7100, 4.3530, 14.7290



173.0230, 19.5290, 15.0250

Triad

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



172.7100, 4.3530, 14.7290



169.7560, 23.9340, -4.2420



162.9570, -33.9720, -12.0840

Complementary

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



172.7100, 4.3530, 14.7290



182.2900, -4.3530, -14.7290

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.



164.3080, -21.9590, -15.0390



172.7100, 4.3530, 14.7290



168.0100, 11.2350, -10.8850

Square

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



172.7100, 4.3530, 14.7290



171.3210, 29.8930, 3.4050



166.1050, -5.2700, -14.6300



164.3900, -36.4490, -5.7370

Rectangle

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



172.7100, 4.3530, 14.7290



173.1500, 26.3610, 12.3530



166.1050, -5.2700, -14.6300



163.2840, -30.5790, -13.0030

Sweetspot

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



172.7100, 4.3530, 14.7290



241.4720, 1.7870, 6.1630



169.6430, -11.8760, 5.9800



119.7060, 1.0080, 3.7600



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.7100, 4.3530, 14.7290



218.5350, 6.6440, 22.7720



173.8910, 11.0930, 13.7250



90.5320, 1.5580, 4.8060



55.4300, 22.2230, 76.3590



11.5360, 4.9030, 15.7750

Inverse Universe

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



172.0670, 16.2290, 8.7490



217.6060, 25.0770, 13.5970



181.1090, -11.0930, -13.7250



90.2180, 5.3180, 2.7420



52.2430, 84.4000, 45.3280



10.6650, 17.4210, 9.1730

Previews

White Background



This preview shows how the YIQ color 172.7100, 4.3530, 14.7290 looks on a white background.

Color Contrast Check

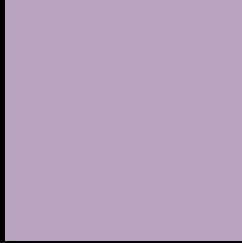
Large Text (above 18pt) WCAG AA × Fail

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 172.7100, 4.3530, 14.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

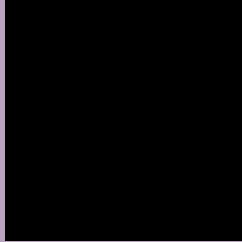
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.7100, 4.3530, 14.7290

Background



This preview shows how black text looks on a background with the YIQ color 172.7100, 4.3530, 14.7290.



This preview shows how white text looks on a background with the YIQ color 172.7100, 4.3530,

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

172.7100, 4.3530, 14.7290

Protanopia

170.9960, -11.3720, 7.8600

Deuteranopia

171.9540, -2.3860, 10.2060



Tritanopia

172.1630, 7.1510, 8.0710

Trichromacy



Original Color

172.7100, 4.3530, 14.7290

Protanomaly

171.5130, -5.4580, 10.8140

Deuteranomaly

172.5630, 0.2730, 11.5770

Tritanomaly

172.4450, 6.4170, 10.3610

Monochromacy



Original Color

172.7100, 4.3530, 14.7290

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7100, 4.3530, 14.7290 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(186, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 193)  
}
```

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(186, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 193) }
```

Border

The CSS property to change the border of an element to YIQ 172.7100, 4.3530, 14.7290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

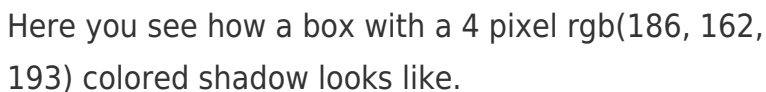
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 162, 193) }
```


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

```
.border{ border-color:rgb(186, 162, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7100, 4.3530, 14.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 193) }
```

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

```
.background{ background-color: rgb(186,  
162, 193) }
```

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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