

Converting Colors

YIQ(174.2970, 13.2460, 24.2700)

Have a look what the booklet for
YIQ(174.2970, 13.2460, 24.2700)
contains.

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Color

**YIQ(174.2970, 13.2460,
24.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	CA9BC9
RGB	202, 155, 201
RGB Percent	79%, 61%, 79%
CMY	0.2077, 0.3922, 0.2117
CMYK	0.00, 0.23, 0.01, 0.21
HSL	301°, 31%, 70%
HSV	301°, 23%, 79%
XYZ	46.6280, 40.2150, 60.5657
YIQ	174.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

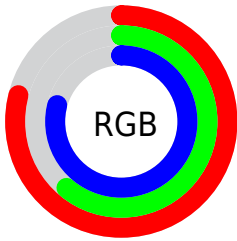
Format	Color
R_{YB}	202, 155, 201
Decimal	13278153
CIE _{Lab}	69.62, 25.28, -16.86
CIE _{LCh}	70, 30.385, 326.303
Yxy	40.2150, 0.3163, 0.2728
Android (android.graphics.Color)	4291468233 (0xFFCA9BC9)
YUV	174.2970, 13.1646, 24.2955
Hunter-Lab	63.4153, 20.2709, -12.2351

Details

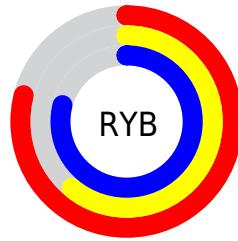
The YIQ color $174.2970, 13.2460, 24.2700$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $182.7030, -13.2460, -24.2700$, and the grayscale version is $174.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $228.5850, 12.3750, 23.5350$, and $121.1720, 12.1000, 23.0120$ is the 20% darker color. If you saturate the color by 10%, you get $162.5570, 18.7460, 34.7300$, and if you desaturate by 10%, it is $186.0370, 7.7460, 13.8100$.

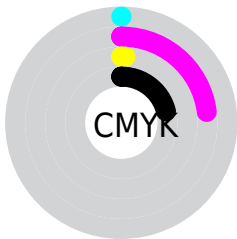
Distribution



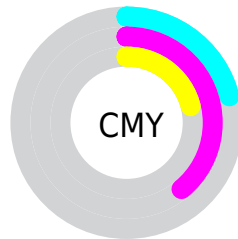
- Red (79%)
- Green (61%)
- Blue (79%)



- Red (79%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.2970, 13.2460, 24.2700 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 174.2970, 13.2460, 24.2700 by changing the saturation by 10% instead.


 174.2970, 13.2460,
24.2700


 174.2970, 13.2460,
24.2700


255.0000, -0.0000,
-0.0000


 147.5850, 12.3750,
23.5350


 228.5850, 12.3750,
23.5350


 121.1720, 12.1000,
23.0120

 245.0210, 4.6750,
8.8910

 96.3460, 11.5500,
21.9660

 71.9330, 11.2750,
21.4430

 48.8080, 10.1290,
20.1850

 25.9220, 9.8080,
20.4960

 12.2760, 8.5710,

15.3790

0.0000, 0.0000,
0.0000

174.2970, 13.2460,
24.2700

174.2970, 13.2460,
24.2700

162.5570, 18.7460,
34.7300

186.0370, 7.7460,
13.8100

150.7030, 24.5670,
44.8790

197.8910, 1.9250,
3.6610

138.3760, 30.3420,
55.8620

210.2180, -3.8500,
-7.3220

126.5220, 36.1630,
66.0110

222.0720, -9.6710,
-17.4710

114.7820, 41.6630,
76.4710

233.2250,
-14.8960, -27.4080

■ 102.9280, 47.4840,
86.6200

■ 233.3390,
-15.2170, -27.0970

■ 91.1880, 52.9840,
97.0800

■ 233.4530,
-15.5380, -26.7860

■ 82.9700, 56.8340,
104.4020

Harmonies

Analogous

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



171.7650, -14.6750, 18.1650



174.2970, 13.2460, 24.2700



174.0790, 34.2910, 22.8270

Triad

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



174.2970, 13.2460, 24.2700



168.8460, 32.1880, -10.6600



154.8160, -64.5520, -19.5600

Complementary

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



174.2970, 13.2460, 24.2700



182.7030, -13.2460, -24.2700

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.



157.7180, -43.9650, -23.7170



174.2970, 13.2460, 24.2700



166.0280, 10.8240, -19.9600

Square

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



174.2970, 13.2460, 24.2700



170.9820, 43.9690, 1.6090



162.1480, -15.9970, -23.9730



158.2650, -63.9580, -8.2940

Rectangle

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



174.2970, 13.2460, 24.2700



173.1090, 42.7740, 17.7660



162.1480, -15.9970, -23.9730



155.1000, -59.6000, -21.2000

Sweetspot

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



174.2970, 13.2460, 24.2700



244.4340, 4.9500, 9.4140



160.6570, -14.4910, 14.8290



121.4290, 3.3460, 5.4420



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.



174.2970, 13.2460, 24.2700



213.0950, 20.1670, 36.5110



171.6750, 20.6290, 17.1170



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Inverse Universe

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



174.2970, 13.2460, 24.2700



213.0950, 20.1670, 36.5110



185.3250, -20.6290, -17.1170



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Previews

White Background



This preview shows how the YIQ color 174.2970, 13.2460, 24.2700 looks on a white background.

Color Contrast Check

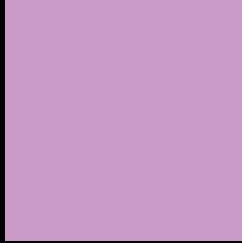
Large Text (above 18pt) WCAG AA × Fail

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 174.2970, 13.2460, 24.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

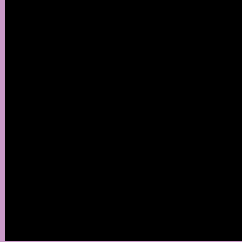
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2970, 13.2460, 24.2700

Background



This preview shows how black text looks on a background with the YIQ color 174.2970, 13.2460, 24.2700.



This preview shows how white text looks on a background with the YIQ color 174.2970, 13.2460,

24.2700.

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

174.2970, 13.2460, 24.2700

Protanopia

171.2820, -17.9290, 11.0550

Deuteranopia

171.8550, -6.4210, 11.7470



Tritanopia

172.8440, 18.4750, 12.0990

Trichromacy



Original Color

174.2970, 13.2460, 24.2700

Protanomaly

172.4900, -6.6510, 15.9170

Deuteranomaly

172.9100, 0.9140, 16.4820

Tritanomaly

173.1090, 16.4110, 16.4670

Monochromacy



Original Color

174.2970, 13.2460, 24.2700

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2970, 13.2460, 24.2700 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(202, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 201)  
}
```

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(202, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 201) }
```

Border

The CSS property to change the border of an element to YIQ 174.2970, 13.2460, 24.2700 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(202, 155, 201) }
```


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

```
.border{ border-color:rgb(202, 155, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2970, 13.2460, 24.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 201) }
```

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

```
.background{ background-color: rgb(202,  
155, 201) }
```

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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