

Converting Colors

YIQ(175.7100, 13.5210, 24.7930)

Have a look what the booklet for
YIQ(175.7100, 13.5210, 24.7930)
contains.

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Color

**YIQ(175.7100, 13.5210,
24.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9CCB
RGB	204, 156, 203
RGB Percent	80%, 61%, 80%
CMY	0.1999, 0.3883, 0.2039
CMYK	0.00, 0.24, 0.01, 0.20
HSL	301°, 32%, 71%
HSV	301°, 24%, 80%
XYZ	47.5770, 40.9248, 61.8943
YIQ	175.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

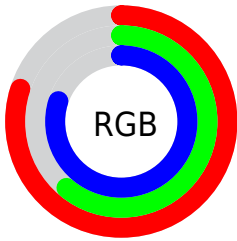
Format	Color
R_{YB}	204, 156, 203
Decimal	13409483
CIE _{Lab}	70.12, 25.78, -17.19
CIE _{LCh}	70, 30.983, 326.306
Yxy	40.9248, 0.3163, 0.2721
Android (android.graphics.Color)	4291599563 (0xFFCC9CCB)
YUV	175.7100, 13.4540, 24.8103
Hunter-Lab	63.9725, 20.8005, -12.5833

Details

The YIQ color **175.7100, 13.5210, 24.7930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.2900, -13.5210, -24.7930**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1720, 12.1000, 23.0120**, and **122.5850, 12.3750, 23.5350** is the 20% darker color. If you saturate the color by 10%, you get **163.9700, 19.0210, 35.2530**, and if you desaturate by 10%, it is **187.4500, 8.0210, 14.3330**.

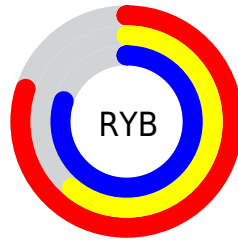
Distribution



Red (80%)

Green (61%)

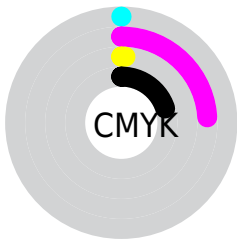
Blue (80%)



Red (80%)

Yellow (61%)

Blue (80%)

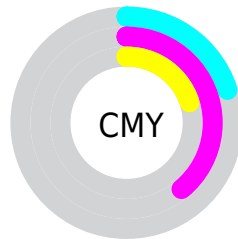


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.7100, 13.5210, 24.7930 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 175.7100, 13.5210, 24.7930 by changing the saturation by 10% instead.

■ 175.7100, 13.5210,
24.7930

■ 175.7100, 13.5210,
24.7930

255.0000, -0.0000,
-0.0000

■ 148.9980, 12.6500,
24.0580

■ 229.1720, 12.1000,
23.0120

■ 122.5850, 12.3750,
23.5350

■ 245.6080, 4.4000,
8.3680

■ 97.7590, 11.8250,
22.4890

■ 73.3460, 11.5500,
21.9660

■ 49.6340, 10.6790,
21.2310

■ 27.2210, 10.4040,
20.7080

■ 13.1020, 9.1210,

16.4250

■ 0.0000, 0.0000,
0.0000

■ 175.7100, 13.5210,
24.7930

■ 175.7100, 13.5210,
24.7930

■ 163.9700, 19.0210,
35.2530

■ 187.4500, 8.0210,
14.3330

■ 151.5290, 25.1170,
45.9250

■ 199.8910, 1.9250,
3.6610

■ 139.7890, 30.6170,
56.3850

■ 211.6310, -3.5750,
-6.7990

■ 127.3480, 36.7130,
67.0570

■ 224.0720, -9.6710,
-17.4710

■ 115.6080, 42.2130,
77.5170

■ 234.0510,
-14.3460, -26.3620

■ 103.7540, 48.0340,
87.6660

■ 234.1650,
-14.6670, -26.0510

■ 91.4270, 53.8090,
98.6490

■ 234.2790,
-14.9880, -25.7400

■ 83.7960, 57.3840,
105.4480

Harmonies

Analogous

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



173.2920, -14.7210, 18.9990



175.7100, 13.5210, 24.7930



175.6770, 35.4830, 23.2510

Triad

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



175.7100, 13.5210, 24.7930



169.7320, 32.5090, -10.9710



155.3320, -66.0650, -19.6730

Complementary

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



175.7100, 13.5210, 24.7930



184.2900, -13.5210, -24.7930

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.



158.7070, -45.4320, -24.6640



175.7100, 13.5210, 24.7930



166.9140, 11.1450, -20.2710

Square

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



175.7100, 13.5210, 24.7930



172.2810, 44.5650, 1.8210



163.6210, -15.9510, -24.8070



158.7810, -65.4710, -8.4070

Rectangle

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



175.7100, 13.5210, 24.7930



174.7070, 43.9660, 18.1900



163.6210, -15.9510, -24.8070



156.0890, -61.0670, -22.1470

Sweetspot

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



175.7100, 13.5210, 24.7930



244.4340, 4.9500, 9.4140



161.7710, -14.8120, 15.1400



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.



175.7100, 13.5210, 24.7930



213.0950, 20.1670, 36.5110



172.9740, 21.2250, 17.3290



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.



175.7100, 13.5210, 24.7930



213.0950, 20.1670, 36.5110



187.0260, -21.2250, -17.3290



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 175.7100, 13.5210, 24.7930 looks on a white background.

Color Contrast Check

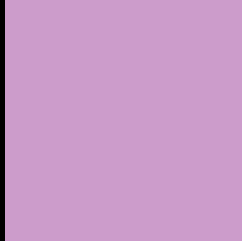
Large Text (above 18pt) WCAG AA × Fail

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 175.7100, 13.5210, 24.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

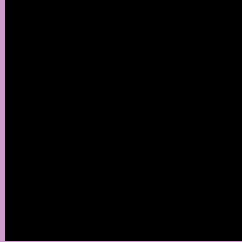
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.7100, 13.5210, 24.7930

Background



This preview shows how black text looks on a background with the YIQ color 175.7100, 13.5210, 24.7930.



This preview shows how white text looks on a background with the YIQ color 175.7100, 13.5210,

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

175.7100, 13.5210, 24.7930

Protanopia

172.5100, -18.5710, 11.6770

Deuteranopia

173.5560, -7.0170, 11.5350



Tritanopia

174.1430, 19.0710, 12.3110

Trichromacy



Original Color

175.7100, 13.5210, 24.7930

Protanomaly

173.6040, -6.9720, 16.2280

Deuteranomaly

174.6110, 0.3180, 16.2700

Tritanomaly

174.5220, 16.6860, 16.9900

Monochromacy



Original Color

175.7100, 13.5210, 24.7930

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.7100, 13.5210, 24.7930 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(204, 156, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 156, 203)  
}
```

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(204, 156, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 156, 203) }
```

Border

The CSS property to change the border of an element to YIQ 175.7100, 13.5210, 24.7930 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(204, 156, 203) }
```


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

```
.border{ border-color:rgb(204, 156, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 156, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 156, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 156, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 156,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 175.7100, 13.5210, 24.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 156, 203) }
```

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

```
.background{ background-color: rgb(204,  
156, 203) }
```

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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