

Converting Colors

YIQ(169.3570, 13.0170, 22.9130)

Have a look what the booklet for
YIQ(169.3570, 13.0170, 22.9130)
contains.

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Color

**YIQ(169.3570, 13.0170,
22.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	C497C2
RGB	196, 151, 194
RGB Percent	77%, 59%, 76%
CMY	0.2312, 0.4079, 0.2392
CMYK	0.00, 0.23, 0.01, 0.23
HSL	303°, 28%, 68%
HSV	303°, 23%, 77%
XYZ	43.5755, 37.7628, 56.0340
YIQ	169.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

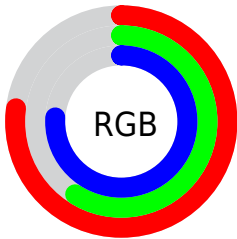
Format	Color
R _Y B	196, 151, 194
Decimal	12883906
CIE Lab	67.85, 24.14, -15.71
CIE LCh	68, 28.802, 326.940
Yxy	37.7628, 0.3172, 0.2749
Android (android.graphics.Color)	4291073986 (0xFFC497C2)
YUV	169.3570, 12.1490, 23.3659
Hunter-Lab	61.4514, 19.0354, -11.0471

Details

The YIQ color **169.3570, 13.0170, 22.9130** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.6430, -13.0170, -22.9130**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.1830, 13.5670, 23.9590**, and **117.1180, 12.1920, 21.3440** is the 20% darker color. If you saturate the color by 10%, you get **157.5030, 18.8380, 33.0620**, and if you desaturate by 10%, it is **181.2110, 7.1960, 12.7640**.

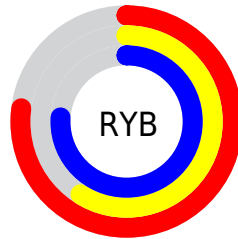
Distribution



Red (77%)

Green (59%)

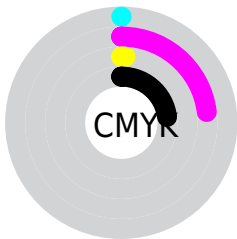
Blue (76%)



Red (77%)

Yellow (59%)

Blue (76%)

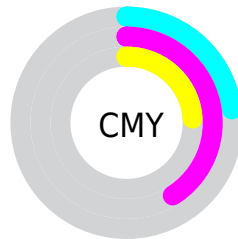


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.3570, 13.0170, 22.9130 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 169.3570, 13.0170, 22.9130 by changing the saturation by 10% instead.

■ 169.3570, 13.0170,
22.9130

■ 169.3570, 13.0170,
22.9130

255.0000, -0.0000,
-0.0000

■ 142.9440, 12.7420,
22.3900

■ 225.1830, 13.5670,
23.9590

■ 117.1180, 12.1920,
21.3440

■ 242.6730, 5.7750,
10.9830

■ 91.8190, 11.5960,
21.1320

■ 67.9930, 11.0460,
20.0860

■ 45.2810, 10.1750,
19.3510

■ 21.9820, 9.5790,
19.1390

■ 9.0150, 4.8120,

11.9160

■ 0.0000, 0.0000,
0.0000

■ 169.3570, 13.0170,
22.9130

■ 169.3570, 13.0170,
22.9130

■ 157.5030, 18.8380,
33.0620

■ 181.2110, 7.1960,
12.7640

■ 146.2360, 24.3840,
42.6880

■ 192.4780, 1.6500,
3.1380

■ 134.3820, 30.2050,
52.8370

■ 204.3320, -4.1710,
-7.0110

■ 123.1150, 35.7510,
62.4630

■ 215.5990, -9.7170,
-16.6370

■ 111.3750, 41.2510,
72.9230

■ 227.3390,
-15.2170, -27.0970

■ 99.5210, 47.0720,
83.0720

■ 230.9750,
-17.1880, -29.9240

■ 88.2540, 52.6180,
92.6980

■ 231.0890,
-17.5090, -29.6130

■ 79.9220, 56.7890,
99.7090

■ 231.2030,
-17.8300, -29.3020

■ 231.3170,
-18.1510, -28.9910

Harmonies

Analogous

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



167.4230, -13.7120, 17.2320



169.3570, 13.0170, 22.9130



168.9540, 33.1450, 21.5690

Triad

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



169.3570, 13.0170, 22.9130



164.1770, 29.7580, -10.6740



151.3220, -60.1050, -17.5530

Complementary

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



169.3570, 13.0170, 22.9130



177.6430, -13.0170, -22.9130

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.



154.0280, -41.9020, -22.5580



169.3570, 13.0170, 22.9130



161.3700, 9.8610, -19.0270

Square

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



169.3570, 13.0170, 22.9130



166.3130, 41.5390, 1.5950



157.9740, -15.4470, -22.9270



154.5430, -58.8690, -6.9090

Rectangle

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



169.3570, 13.0170, 22.9130



168.0980, 41.3070, 16.8190



157.9740, -15.4470, -22.9270



151.7800, -55.7030, -20.2390

Sweetspot

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



169.3570, 13.0170, 22.9130



244.3200, 5.2710, 9.1030



156.4290, -13.8490, 14.2070



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.



169.3570, 13.0170, 22.9130



212.9810, 20.4880, 36.2000



166.8490, 20.0790, 16.0710



91.0160, 3.0710, 4.9190



65.5810, 46.8430, 81.7150



13.5150, 9.3960, 16.9480

Inverse Universe

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



169.3570, 13.0170, 22.9130



212.9810, 20.4880, 36.2000



180.1510, -20.0790, -16.0710



91.0160, 3.0710, 4.9190



65.5810, 46.8430, 81.7150



13.5150, 9.3960, 16.9480

Previews

White Background



This preview shows how the YIQ color 169.3570, 13.0170, 22.9130 looks on a white background.

Color Contrast Check

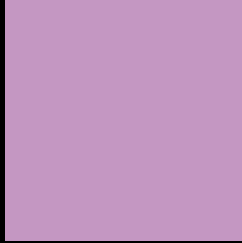
Large Text (above 18pt) WCAG AA × Fail

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 169.3570, 13.0170, 22.9130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

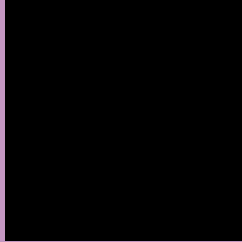
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.3570, 13.0170, 22.9130

Background



This preview shows how black text looks on a background with the YIQ color 169.3570, 13.0170, 22.9130.



This preview shows how white text looks on a background with the YIQ color 169.3570, 13.0170,

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

169.3570, 13.0170, 22.9130

Protanopia

166.3530, -16.6910, 10.6450

Deuteranopia

166.9260, -5.1830, 11.3370



Tritanopia

168.1320, 17.6040, 11.3640

Trichromacy



Original Color

169.3570, 13.0170, 22.9130

Protanomaly

167.2620, -6.0090, 15.2950

Deuteranomaly

167.6820, 1.5560, 15.8600

Tritanomaly

168.2830, 15.8610, 15.4210

Monochromacy



Original Color

169.3570, 13.0170, 22.9130

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.3570, 13.0170, 22.9130 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(196, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 194)  
}
```

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(196, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 194) }
```

Border

The CSS property to change the border of an element to YIQ 169.3570, 13.0170, 22.9130 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(196, 151, 194) }
```


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

```
.border{ border-color:rgb(196, 151, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 151, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 169.3570, 13.0170, 22.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 194) }
```

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

```
.background{ background-color: rgb(196,  
151, 194) }
```

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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