

Converting Colors

YIQ(170.9970, 22.4180, 12.2260)

Have a look what the booklet for
YIQ(170.9970, 22.4180, 12.2260)
contains.

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Color

**YIQ(170.9970, 22.4180,
12.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DA7
RGB	200, 157, 167
RGB Percent	78%, 62%, 65%
CMY	0.2156, 0.3844, 0.3450
CMYK	0.00, 0.22, 0.17, 0.22
HSL	346°, 28%, 70%
HSV	346°, 22%, 78%
XYZ	42.8577, 39.1818, 41.8733
YIQ	170.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

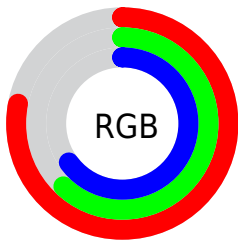
Format	Color
R _Y B	200, 157, 167
Decimal	13147559
CIE Lab	68.88, 17.54, 0.91
CIE LCh	69, 17.563, 2.963
Yxy	39.1818, 0.3459, 0.3162
Android (android.graphics.Color)	4291337639 (0xFFC89DA7)
YUV	170.9970, -1.9705, 25.4356
Hunter-Lab	62.5954, 12.6732, 4.1546

Details

The YIQ color **170.9970, 22.4180, 12.2260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **186.0030, -22.4180, -12.2260**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9970, 22.4180, 12.2260**, and **118.1000, 20.6300, 11.5900** is the 20% darker color. If you saturate the color by 10%, you get **157.5470, 32.7330, 18.0210**, and if you desaturate by 10%, it is **184.4470, 12.1030, 6.4310**.

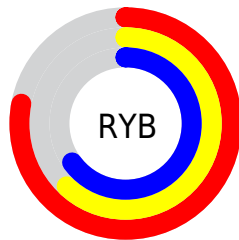
Distribution



Red (78%)

Green (62%)

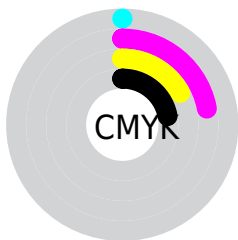
Blue (65%)



Red (78%)

Yellow (62%)

Blue (65%)

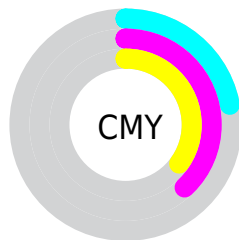


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.9970, 22.4180, 12.2260 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 170.9970, 22.4180, 12.2260 by changing the saturation by 10% instead.


 170.9970, 22.4180,
12.2260

 170.9970, 22.4180,
12.2260


255.0000, -0.0000,
-0.0000


 144.3990, 21.2260,
11.8020


 225.9970, 22.4180,
12.2260


 118.1000, 20.6300,
11.5900

 245.7390, 5.4090,
6.6010

 93.5020, 19.4380,
11.1660

 69.7900, 18.5670,
10.4310

 47.1920, 17.3750,
10.0070

 25.4090, 15.2660,
9.6820

 7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 170.9970, 22.4180,
12.2260

■ 170.9970, 22.4180,
12.2260

■ 157.5470, 32.7330,
18.0210

■ 184.4470, 12.1030,
6.4310

■ 143.9830, 43.3690,
23.5050

■ 198.0110, 1.4670,
0.9470

■ 130.5330, 53.6840,
29.3000

■ 211.4610, -8.8480,
-4.8480

■ 117.0830, 63.9990,
35.0950

■ 224.9110,
-19.1630, -10.6430

■ 103.5190, 74.6350,
40.5790

■ 237.3010,
-29.2490, -15.0810

■ 90.0690, 84.9500,
46.3740

■ 238.5550,
-32.7800, -11.6600

■ 76.6190, 95.2650,
52.1690

■ 65.1580, 104.1130,
57.0170

Harmonies

Analogous

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



171.0050, 10.7720, 14.0360



170.9970, 22.4180, 12.2260



170.0590, 27.8750, 6.9390

Triad

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



170.9970, 22.4180, 12.2260



165.1770, 3.3950, -11.9730



164.5480, -30.9020, -1.6380

Complementary

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



170.9970, 22.4180, 12.2260



186.0030, -22.4180, -12.2260

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.



162.6630, -32.9640, -8.3240



170.9970, 22.4180, 12.2260



163.5110, -12.2850, -14.1490

Square

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



170.9970, 22.4180, 12.2260



167.0540, 17.1030, -7.0970



162.0350, -25.4440, -12.4520



167.3370, -19.7620, 5.7260

Rectangle

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



170.9970, 22.4180, 12.2260



169.4130, 26.6380, 1.8220



162.0350, -25.4440, -12.4520



163.5970, -32.5980, -3.9420

Sweetspot

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



170.9970, 22.4180, 12.2260



244.8270, 7.9770, 4.1130



171.7690, 5.8650, 20.3690



121.9190, 4.7220, 2.5300



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.



170.9970, 22.4180, 12.2260



210.4440, 34.5210, 18.6570



176.3140, 22.6030, 3.3630



92.9190, 4.7220, 2.5300



53.0690, 84.9500, 46.3740



11.6760, 18.8880, 10.1200

Inverse Universe

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



170.9970, 22.4180, 12.2260



210.4440, 34.5210, 18.6570



180.6860, -22.6030, -3.3630



92.9190, 4.7220, 2.5300



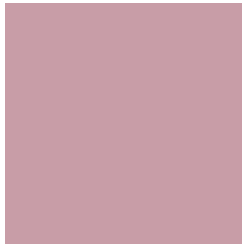
53.0690, 84.9500, 46.3740



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 170.9970, 22.4180, 12.2260 looks on a white background.

Color Contrast Check

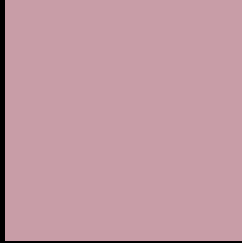
Large Text (above 18pt) WCAG AA × Fail

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 170.9970, 22.4180, 12.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

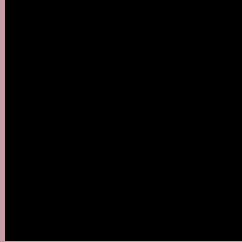
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9970, 22.4180, 12.2260

Background



This preview shows how black text looks on a background with the YIQ color 170.9970, 22.4180, 12.2260.



This preview shows how white text looks on a background with the YIQ color 170.9970, 22.4180,

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

170.9970, 22.4180, 12.2260

Protanopia

168.5810, -0.1380, 2.5020

Deuteranopia

169.9200, 12.1490, 5.5970



Tritanopia

171.2250, 21.7760, 12.8480

Trichromacy



Original Color

170.9970, 22.4180, 12.2260

Protanomaly

169.2940, 8.1600, 6.3040

Deuteranomaly

170.2410, 15.6790, 7.7030

Tritanomaly

171.1110, 22.0970, 12.5370

Monochromacy



Original Color

170.9970, 22.4180, 12.2260

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2400, 8.2520, 4.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9970, 22.4180, 12.2260 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 167) }
```

Border

The CSS property to change the border of an element to YIQ 170.9970, 22.4180, 12.2260 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, 167) }
```


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

```
.border{ border-color:rgb(200, 157, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9970, 22.4180, 12.2260 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, 167) }
```

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

```
.background{ background-color: rgb(200,  
157, 167) }
```

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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