

Converting Colors

YIQ(175.9670, 21.9620, -1.5420)

Have a look what the booklet for
YIQ(175.9670, 21.9620, -1.5420)
contains.

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Color

**YIQ(175.9670, 21.9620,
-1.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AB95
RGB	196, 171, 149
RGB Percent	77%, 67%, 58%
CMY	0.2313, 0.3294, 0.4156
CMYK	0.00, 0.13, 0.24, 0.23
HSL	28°, 28%, 68%
HSV	28°, 24%, 77%
XYZ	42.7558, 43.0299, 34.4970
YIQ	175.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

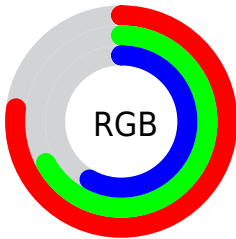
Format	Color
R _Y B	196, 190, 149
Decimal	12888981
CIE Lab	71.58, 5.63, 14.65
CIE LCh	72, 15.692, 68.977
Yxy	43.0299, 0.3555, 0.3577
Android (android.graphics.Color)	4291079061 (0xFFC4AB95)
YUV	175.9670, -13.2947, 17.5689
Hunter-Lab	65.5972, 1.5501, 14.7379

Details

The YIQ color **175.9670, 21.9620, -1.5420** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **169.0330, -21.9620, 1.5420**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4510, 23.4750, -1.4290**, and **123.4830, 20.4490, -1.6550** is the 20% darker color. If you saturate the color by 10%, you get **167.8170, 31.1320, -2.5320**, and if you desaturate by 10%, it is **184.1170, 12.7920, -0.5520**.

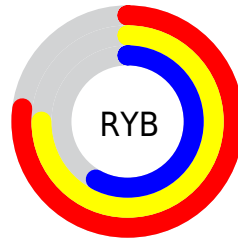
Distribution



Red (77%)

Green (67%)

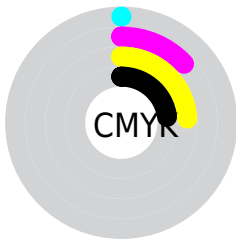
Blue (58%)



Red (77%)

Yellow (75%)

Blue (58%)

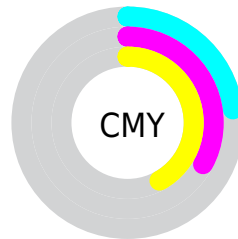


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 175.9670, 21.9620, -1.5420 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 175.9670, 21.9620, -1.5420 by changing the saturation by 10% instead.


 175.9670, 21.9620,
-1.5420

 175.9670, 21.9620,
-1.5420


255.0000, -0.0000,
-0.0000


 148.7820, 21.0450,
-1.4430


 231.4510, 23.4750,
-1.4290


 123.4830, 20.4490,
-1.6550

 252.2640, 7.7040,
-7.4640

 98.2980, 19.5320,
-1.5560

 74.8140, 18.0190,
-1.6690

 51.3300, 16.5060,
-1.7820

 29.8030, 16.5520,
-2.6160

 6.5670, 11.6450,

3.7170

■ 0.0000, 0.0000,
0.0000

■ 175.9670, 21.9620,
-1.5420

■ 175.9670, 21.9620,
-1.5420

■ 167.8170, 31.1320,
-2.5320

■ 184.1170, 12.7920,
-0.5520

■ 159.1940, 40.2560,
-2.6880

■ 192.7400, 3.6680,
-0.3960

■ 151.0440, 49.4260,
-3.6780

■ 200.8900, -5.5020,
0.5940

■ 142.4210, 58.5500,
-3.8340

■ 209.5130,
-14.6260, 0.7500

■ 134.2710, 67.7200,
-4.8240

■ 217.6630,
-23.7960, 1.7400

■ 125.5340, 77.1650,
-5.2910

■ 225.0320,
-29.3890, -1.5250

■ 117.4980, 86.0140,
-5.9700

■ 230.9020,
-32.1390, -6.7550

■ 112.6080, 91.5160,
-6.5640

■ 236.7720,
-34.8890, -11.9850

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



177.0370, 24.9410, 5.0450



175.9670, 21.9620, -1.5420



174.4880, 12.8850, -7.7470

Triad

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



175.9670, 21.9620, -1.5420



170.2740, -24.6190, -10.8830



177.0790, -1.2400, 11.4640

Complementary

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



175.9670, 21.9620, -1.5420



169.0330, -21.9620, 1.5420

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.



175.2020, -14.9480, 6.5880



175.9670, 21.9620, -1.5420



170.9840, -29.4340, -6.2180

Square

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



175.9670, 21.9620, -1.5420



171.0810, -13.8900, -12.5940



172.9400, -26.1340, 0.0580



178.4350, 12.3770, 12.4810

Rectangle

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



175.9670, 21.9620, -1.5420



173.6010, 5.1370, -10.5030



172.9400, -26.1340, 0.0580



176.6870, -6.0080, 9.7680

Sweetspot

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



175.9670, 21.9620, -1.5420



247.0780, 8.5280, -0.3680



165.9030, 19.9870, 17.7390



123.2240, 5.1810, -0.2830



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.



175.9670, 21.9620, -1.5420



223.6710, 34.4790, -2.6170



189.4680, 15.6370, -13.5710



92.9250, 4.5850, -0.4950



92.1640, 75.3310, -5.0930



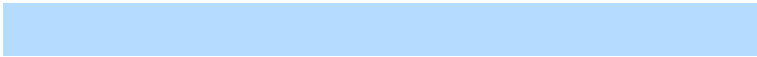
18.6720, 15.5430, -0.8490

Inverse Universe

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



169.0330, -21.9620, 1.5420



212.3290, -34.4790, 2.6170



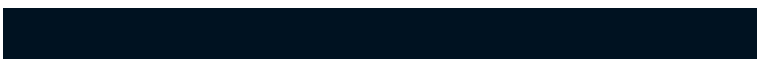
155.5320, -15.6370, 13.5710



91.0750, -4.5850, 0.4950



68.8360, -75.3310, 5.0930



14.3280, -15.5430, 0.8490

Previews

White Background



This preview shows how the YIQ color 175.9670, 21.9620, -1.5420 looks on a white background.

Color Contrast Check

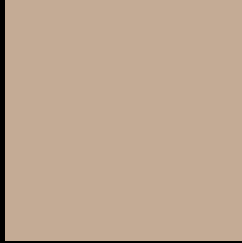
Large Text (above 18pt) WCAG AA × Fail

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 175.9670, 21.9620, -1.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

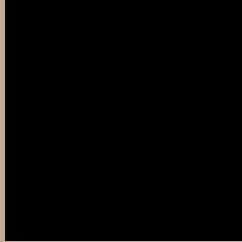
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.9670, 21.9620, -1.5420

Background



This preview shows how black text looks on a background with the YIQ color 175.9670, 21.9620, -1.5420.



This preview shows how white text looks on a background with the YIQ color 175.9670, 21.9620, -1.5420.

-1.5420.

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

175.9670, 21.9620, -1.5420

Protanopia

174.9550, 13.0680, -5.5560

Deuteranopia

176.5870, 26.0880, 0.7760



Tritanopia

178.3490, 15.4950, 11.0390

Trichromacy



Original Color

175.9670, 21.9620, -1.5420

Protanomaly

175.4500, 16.0480, -4.4960

Deuteranomaly

176.5760, 24.6210, -0.1710

Tritanomaly

177.3830, 18.1550, 6.8830

Monochromacy



Original Color

175.9670, 21.9620, -1.5420

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.7790, 7.9320, -0.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.9670, 21.9620, -1.5420 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, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 149)  
}
```

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, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 149) }
```

Border

The CSS property to change the border of an element to YIQ 175.9670, 21.9620, -1.5420 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, 171, 149) }
```


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

```
.border{ border-color:rgb(196, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 175.9670, 21.9620, -1.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 149) }
```

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

```
.background{ background-color: rgb(196,  
171, 149) }
```

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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