

Converting Colors

YIQ(174.4280, 22.2820, 3.6740)

Have a look what the booklet for
YIQ(174.4280, 22.2820, 3.6740)
contains.

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Color

**YIQ(174.4280, 22.2820,
3.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A69C
RGB	198, 166, 156
RGB Percent	78%, 65%, 61%
CMY	0.2235, 0.3491, 0.3881
CMYK	0.00, 0.16, 0.21, 0.22
HSL	14°, 27%, 69%
HSV	14°, 21%, 78%
XYZ	42.9300, 41.6769, 37.2452
YIQ	174.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

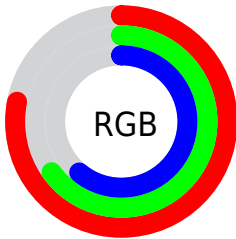
Format	Color
RYB	198, 169, 156
Decimal	13018780
CIELab	70.65, 10.15, 9.52
CIELCh	71, 13.914, 43.171
Yxy	41.6769, 0.3523, 0.3420
Android (android.graphics.Color)	4291208860 (0xFFC6A69C)
YUV	174.4280, -9.0850, 20.6726
Hunter-Lab	64.5576, 5.7244, 10.9842

Details

The YIQ color $174.4280, 22.2820, 3.6740$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $179.5720, -22.2820, -3.6740$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $229.9120, 23.7950, 3.7870$, and $121.9440, 20.7690, 3.5610$ is the 20% darker color. If you saturate the color by 10%, you get $163.3430, 32.8270, 5.2990$, and if you desaturate by 10%, it is $185.5130, 11.7370, 2.0490$.

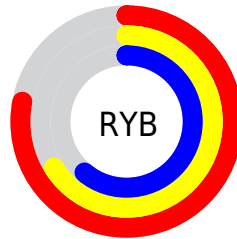
Distribution



Red (78%)

Green (65%)

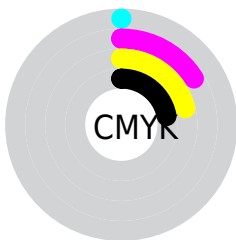
Blue (61%)



Red (78%)

Yellow (66%)

Blue (61%)

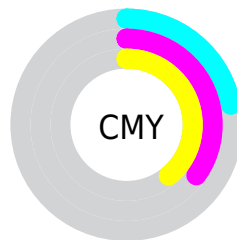


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.4280, 22.2820, 3.6740 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 174.4280, 22.2820, 3.6740 by changing the saturation by 10% instead.


 174.4280, 22.2820,
3.6740


 174.4280, 22.2820,
3.6740


255.0000, -0.0000,
-0.0000


 147.8300, 21.0900,
3.2500


 229.9120, 23.7950,
3.7870


 121.9440, 20.7690,
3.5610

 250.2410, 6.5110,
-2.3610

 97.3460, 19.5770,
3.1370

 72.8620, 18.0640,
3.0240

 50.2640, 16.8720,
2.6000

 28.6660, 15.6800,
2.1760

 7.1760, 14.3040,

5.0880

■ 0.0000, 0.0000,
0.0000

■ 174.4280, 22.2820,
3.6740

■ 174.4280, 22.2820,
3.6740

■ 163.3430, 32.8270,
5.2990

■ 185.5130, 11.7370,
2.0490

■ 152.2580, 43.3720,
6.9240

■ 196.5980, 1.1920,
0.4240

■ 141.2870, 53.5960,
8.8600

■ 207.5690, -9.0320,
-1.5120

■ 130.2020, 64.1410,
10.4850

■ 218.6540,
-19.5770, -3.1370

■ 118.5300, 74.9610,
12.6330

■ 230.3260,
-30.3970, -5.2850

■ 107.4450, 85.5060,
14.2580

■ 237.9570,
-33.9720, -12.0840

■ 96.3600, 96.0510,
15.8830

■ 86.7910, 105.0830,
17.3950

Harmonies

Analogous

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



175.2200, 20.1720, 8.8760



174.4280, 22.2820, 3.6740



173.5860, 18.6610, -2.2910

Triad

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



174.4280, 22.2820, 3.6740



169.0210, -13.6610, -11.2370



173.0560, -11.6010, 6.5030

Complementary

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



174.4280, 22.2820, 3.6740



179.5720, -22.2820, -3.6740

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.



170.9190, -21.6410, 1.2310



174.4280, 22.2820, 3.6740



168.1110, -22.6020, -8.8900

Square

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



174.4280, 22.2820, 3.6740



170.1920, -0.9610, -10.1210



169.1910, -25.5830, -4.4230



174.8080, 0.9610, 10.1210

Rectangle

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



174.4280, 22.2820, 3.6740



172.2540, 13.6640, -5.3440



169.1910, -25.5830, -4.4230



172.2620, -15.1770, 5.2310

Sweetspot

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



174.4280, 22.2820, 3.6740



246.2460, 8.1150, 1.6110



172.2060, 14.7600, 18.8560



122.8650, 4.8140, 0.8620



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.



174.4280, 22.2820, 3.6740



218.9410, 34.0190, 5.7230



186.7550, 16.5070, -7.3090



93.8650, 4.8140, 0.8620



71.6300, 86.4230, 14.1590



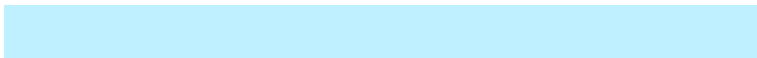
15.4600, 19.2560, 3.4480

Inverse Universe

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



179.5720, -22.2820, -3.6740



227.0590, -34.0190, -5.7230



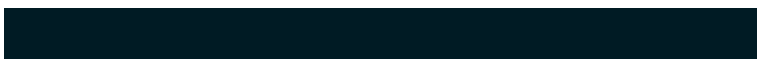
167.2450, -16.5070, 7.3090



95.1350, -4.8140, -0.8620



91.3700, -86.4230, -14.1590



19.9530, -18.9810, -2.9250

Previews

White Background



This preview shows how the YIQ color 174.4280, 22.2820, 3.6740 looks on a white background.

Color Contrast Check

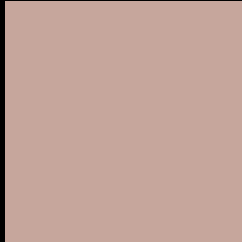
Large Text (above 18pt) WCAG AA × Fail

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 174.4280, 22.2820, 3.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

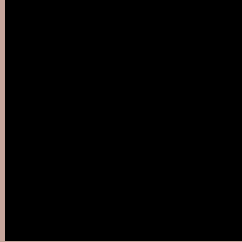
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.4280, 22.2820, 3.6740

Background



This preview shows how black text looks on a background with the YIQ color 174.4280, 22.2820, 3.6740.



This preview shows how white text looks on a background with the YIQ color 174.4280, 22.2820,

3.6740.

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

174.4280, 22.2820, 3.6740

Protanopia

172.6110, 8.3450, -2.5590

Deuteranopia

174.4170, 20.8150, 2.7270



Tritanopia

175.5450, 17.8790, 11.8870

Trichromacy



Original Color

174.4280, 22.2820, 3.6740

Protanomaly

173.4160, 13.3880, -0.3400

Deuteranomaly

174.7160, 21.4110, 2.9390

Tritanomaly

175.0350, 19.2550, 8.9750

Monochromacy



Original Color

174.4280, 22.2820, 3.6740

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1320, 8.4360, 1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.4280, 22.2820, 3.6740 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(198, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 156)  
}
```

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(198, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 156) }
```

Border

The CSS property to change the border of an element to YIQ 174.4280, 22.2820, 3.6740 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(198, 166, 156) }
```


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

```
.border{ border-color:rgb(198, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 174.4280, 22.2820, 3.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 156) }
```

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

```
.background{ background-color: rgb(198,  
166, 156) }
```

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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