

Converting Colors

YIQ(165.9310, 22.7840, 16.6080)

Have a look what the booklet for
YIQ(165.9310, 22.7840, 16.6080)
contains.

YIQ(165.9310, 22.7840, 16.6080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(165.9310, 22.7840,
16.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	C695A9
RGB	198, 149, 169
RGB Percent	78%, 58%, 66%
CMY	0.2234, 0.4157, 0.3372
CMYK	0.00, 0.25, 0.15, 0.22
HSL	335°, 30%, 68%
HSV	335°, 25%, 78%
XYZ	41.2048, 36.3639, 42.3927
YIQ	165.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

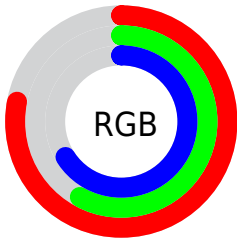
Format	Color
R_{YB}	198, 149, 169
Decimal	13014441
CIE _{Lab}	66.80, 21.54, -3.29
CIE _{LCh}	67, 21.785, 351.321
Yxy	36.3639, 0.3435, 0.3031
Android (android.graphics.Color)	4291204521 (0xFFC695A9)
YUV	165.9310, 1.5130, 28.1245
Hunter-Lab	60.3025, 16.4400, 0.5308

Details

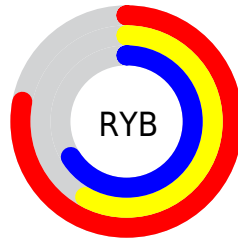
The YIQ color **165.9310, 22.7840, 16.6080** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.0690, -22.7840, -16.6080**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9420, 24.2510, 17.5550**, and **113.6210, 20.7210, 15.4490** is the 20% darker color. If you saturate the color by 10%, you get **152.8230, 32.1360, 23.3360**, and if you desaturate by 10%, it is **179.0390, 13.4320, 9.8800**.

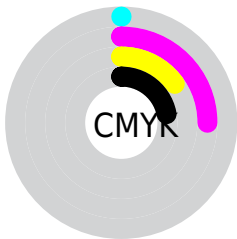
Distribution



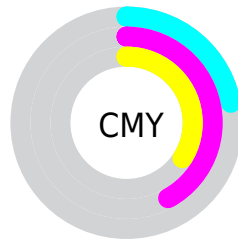
- Red (78%)
- Green (58%)
- Blue (66%)



- Red (78%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9310, 22.7840, 16.6080 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 165.9310, 22.7840, 16.6080 by changing the saturation by 10% instead.


 165.9310, 22.7840,
16.6080


 165.9310, 22.7840,
16.6080


255.0000, -0.0000,
-0.0000


 139.3330, 21.5920,
16.1840


 220.9420, 24.2510,
17.5550


 113.6210, 20.7210,
15.4490

 241.2710, 6.9670,
11.4070

 88.9090, 19.8500,
14.7140

 64.7240, 18.9330,
14.8130

 42.1260, 17.7410,
14.3890

 19.6420, 16.2280,
14.2760

 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 165.9310, 22.7840,
16.6080

■ 165.9310, 22.7840,
16.6080

■ 152.8230, 32.1360,
23.3360

■ 179.0390, 13.4320,
9.8800

■ 139.8290, 41.1670,
30.3750

■ 192.0330, 4.4010,
2.8410

■ 127.3080, 50.2440,
36.5800

■ 204.5540, -4.6760,
-3.3640

■ 114.2000, 59.5960,
43.3080

■ 217.6620,
-14.0280, -10.0920

■ 101.0920, 68.9480,
50.0360

■ 230.7700,
-23.3800, -16.8200

■ 88.0980, 77.9790,
57.0750

■ 236.1330,
-28.8360, -17.0600

■ 74.9900, 87.3310,
63.8030

■ 237.5010,
-32.6880, -13.3280

■ 68.4360, 92.0070,
67.1670

■ 237.9570,
-33.9720, -12.0840

Harmonies

Analogous

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



165.5470, 6.3700, 16.7220



165.9310, 22.7840, 16.6080



165.1460, 32.1840, 11.4480

Triad

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



165.9310, 22.7840, 16.6080



160.2440, 10.4560, -13.2880



155.7530, -41.9050, -5.9770

Complementary

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



165.9310, 22.7840, 16.6080



181.0690, -22.7840, -16.6080

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.



153.9070, -39.7030, -12.8470



165.9310, 22.7840, 16.6080



157.9690, -7.8830, -16.8350

Square

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



165.9310, 22.7840, 16.6080



162.1860, 25.5390, -5.7970



155.2150, -26.1310, -16.5230



159.8240, -31.4990, 3.6770

Rectangle

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



165.9310, 22.7840, 16.6080



164.1690, 33.3770, 6.3450



155.2150, -26.1310, -16.5230



154.6880, -43.2800, -8.5920

Sweetspot

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



165.9310, 22.7840, 16.6080



243.1800, 8.4810, 5.9930



163.2570, 1.5550, 21.3870



120.7450, 5.2720, 3.5760



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.



165.9310, 22.7840, 16.6080



205.2580, 35.3450, 25.7530



165.9990, 28.1040, 8.2960



93.1470, 4.0800, 3.1520



56.3750, 75.6410, 55.3930



12.4740, 16.6410, 12.2970

Inverse Universe

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



165.9310, 22.7840, 16.6080



205.2580, 35.3450, 25.7530



181.0010, -28.1040, -8.2960



93.1470, 4.0800, 3.1520



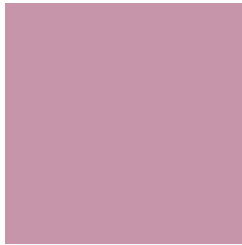
56.3750, 75.6410, 55.3930



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 165.9310, 22.7840, 16.6080 looks on a white background.

Color Contrast Check

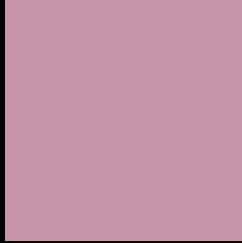
Large Text (above 18pt) WCAG AA × Fail

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 165.9310, 22.7840, 16.6080 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 165.9310, 22.7840, 16.6080

Background



This preview shows how black text looks on a background with the YIQ color 165.9310, 22.7840, 16.6080.



This preview shows how white text looks on a background with the YIQ color 165.9310, 22.7840,

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

165.9310, 22.7840, 16.6080

Protanopia

163.7100, -4.8150, 4.6650

Deuteranopia

164.4080, 7.8390, 6.6150



Tritanopia

165.4210, 24.1600, 13.6960

Trichromacy



Original Color

165.9310, 22.7840, 16.6080

Protanomaly

164.3200, 5.2710, 9.1030

Deuteranomaly

165.1530, 13.1110, 10.1910

Tritanomaly

165.7630, 23.1970, 14.6290

Monochromacy



Original Color

165.9310, 22.7840, 16.6080

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1800, 8.4810, 5.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9310, 22.7840, 16.6080 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, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 149, 169)  
}
```

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, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 149, 169) }
```

Border

The CSS property to change the border of an element to YIQ 165.9310, 22.7840, 16.6080 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, 149, 169) }
```


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

```
.border{ border-color:rgb(198, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 149,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9310, 22.7840, 16.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 149, 169) }
```

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

```
.background{ background-color: rgb(198,  
149, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor