

Converting Colors

YIQ(165.4880, 22.0530, 2.3170)

Have a look what the booklet for
YIQ(165.4880, 22.0530, 2.3170)
contains.

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Color

**YIQ(165.4880, 22.0530,
2.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9E91
RGB	188, 158, 145
RGB Percent	74%, 62%, 57%
CMY	0.2627, 0.3804, 0.4313
CMYK	0.00, 0.16, 0.23, 0.26
HSL	18°, 24%, 65%
HSV	18°, 23%, 74%
XYZ	38.0805, 37.1879, 31.9691
YIQ	165.4880, 22.0530, 2.3170

Conversions

Conversions Part 2

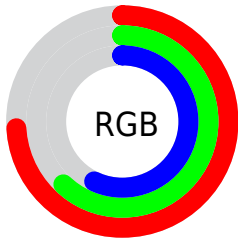
Format	Color
R _Y B	188, 164, 145
Decimal	12361361
CIE Lab	67.42, 9.04, 10.89
CIE LCh	67, 14.159, 50.307
Yxy	37.1879, 0.3551, 0.3468
Android (android.graphics.Color)	4290551441 (0xFFBC9E91)
YUV	165.4880, -10.1006, 19.7430
Hunter-Lab	60.9819, 4.7469, 11.6052

Details

The YIQ color **165.4880, 22.0530, 2.3170** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167.5120, -22.0530, -2.3170**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9720, 23.5660, 2.4300**, and **113.7050, 19.9440, 1.9920** is the 20% darker color. If you saturate the color by 10%, you get **155.6910, 31.7270, 3.2070**, and if you desaturate by 10%, it is **175.2850, 12.3790, 1.4270**.

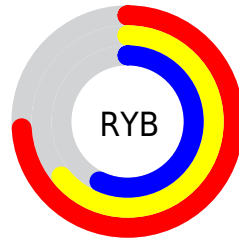
Distribution



Red (74%)

Green (62%)

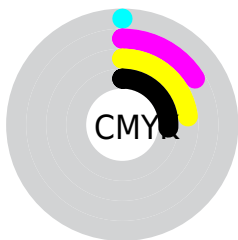
Blue (57%)



Red (74%)

Yellow (64%)

Blue (57%)

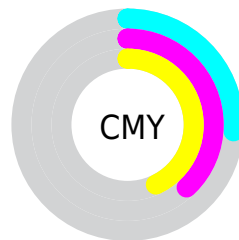


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.4880, 22.0530, 2.3170 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 165.4880, 22.0530, 2.3170 by changing the saturation by 10% instead.


 165.4880, 22.0530,
2.3170

 165.4880, 22.0530,
2.3170


255.0000, -0.0000,
-0.0000


 139.1890, 21.4570,
2.1050


 220.9720, 23.5660,
2.4300


 113.7050, 19.9440,
1.9920

 243.5900, 12.8380,
-1.3860

 88.5200, 19.0270,
2.0910

 65.3350, 18.1100,
2.1900

 43.4380, 16.3220,
1.5540

 21.4550, 17.6520,
-0.5240

 0.0000, 0.0000,

0.0000

■ 165.4880, 22.0530,
2.3170

■ 165.4880, 22.0530,
2.3170

■ 155.6910, 31.7270,
3.2070

■ 175.2850, 12.3790,
1.4270

■ 145.8940, 41.4010,
4.0970

■ 185.0820, 2.7050,
0.5370

■ 136.2110, 50.7540,
5.2980

■ 194.7650, -6.6480,
-0.6640

■ 125.8270, 60.7030,
6.7110

■ 205.1490,
-16.5970, -2.0770

■ 116.0300, 70.3770,
7.6010

■ 214.9460,
-26.2710, -2.9670

■ 106.2330, 80.0510,
8.4910

■ 224.4010,
-34.9820, -4.7900

■ 96.4360, 89.7250,
9.3810

■ 232.0320,
-38.5570, -11.5890

■ 89.6710, 96.3730,
10.0450

■ 234.9670,
-39.9320, -14.2040

Harmonies

Analogous

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



166.4650, 20.8600, 7.4200



165.4880, 22.0530, 2.3170



164.4610, 17.5150, -3.5490

Triad

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



165.4880, 22.0530, 2.3170



159.7650, -15.8160, -10.7280



164.6650, -8.9420, 7.8740

Complementary

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



165.4880, 22.0530, 2.3170



167.5120, -22.0530, -2.3170

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.



162.9300, -20.1740, 2.1780



165.4880, 22.0530, 2.3170



159.7410, -24.4360, -8.6920

Square

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



165.4880, 22.0530, 2.3170



160.9250, -4.5830, -10.5590



160.7180, -25.6290, -3.5890



166.3030, 3.9410, 11.1810

Rectangle

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



165.4880, 22.0530, 2.3170



163.5310, 11.3260, -7.0260



160.7180, -25.6290, -3.5890



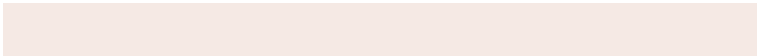
164.4580, -12.7930, 6.0790

Sweetspot

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



165.4880, 22.0530, 2.3170



236.0180, 8.7570, 0.9890



161.2770, 15.9980, 18.4460



117.4520, 4.5390, 0.3390



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.4880, 22.0530, 2.3170



210.4740, 33.8360, 3.5320



177.8150, 16.2780, -8.6660



89.4520, 4.5390, 0.3390



75.4180, 80.9680, 8.3920



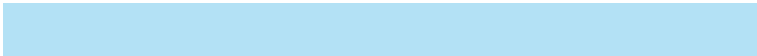
14.5520, 16.0010, 1.8650

Inverse Universe

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



167.5120, -22.0530, -2.3170



213.5260, -33.8360, -3.5320



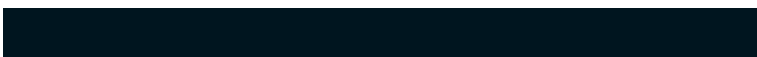
155.1850, -16.2780, 8.6660



90.1350, -4.8140, -0.8620



82.5820, -80.9680, -8.3920



15.8610, -15.7260, -1.3420

Previews

White Background



This preview shows how the YIQ color 165.4880, 22.0530, 2.3170 looks on a white background.

Color Contrast Check

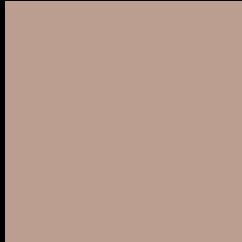
Large Text (above 18pt) WCAG AA × Fail

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 165.4880, 22.0530, 2.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

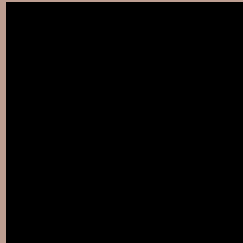
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4880, 22.0530, 2.3170

Background



This preview shows how black text looks on a background with the YIQ color 165.4880, 22.0530, 2.3170.



This preview shows how white text looks on a background with the YIQ color 165.4880, 22.0530,

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

165.4880, 22.0530, 2.3170

Protanopia

164.2690, 9.3080, -3.4920

Deuteranopia

165.1890, 21.4570, 2.1050



Tritanopia

167.1320, 17.6040, 11.3640

Trichromacy



Original Color

165.4880, 22.0530, 2.3170

Protanomaly

164.7750, 13.7550, -1.4850

Deuteranomaly

165.1890, 21.4570, 2.1050

Tritanomaly

166.5080, 19.3010, 8.1410

Monochromacy



Original Color

165.4880, 22.0530, 2.3170

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4880, 22.0530, 2.3170 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(188, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 145)  
}
```

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(188, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 145) }
```

Border

The CSS property to change the border of an element to YIQ 165.4880, 22.0530, 2.3170 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(188, 158, 145) }
```


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

```
.border{ border-color:rgb(188, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4880, 22.0530, 2.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 145) }
```

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

```
.background{ background-color: rgb(188,  
158, 145) }
```

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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