

Converting Colors

YIQ(165.3200, 22.4660, 0.3380)

Have a look what the booklet for
YIQ(165.3200, 22.4660, 0.3380)
contains.

YIQ(165.3200, 22.4660, 0.3380)	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(165.3200, 22.4660,
0.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9F8D
RGB	187, 159, 141
RGB Percent	73%, 62%, 55%
CMY	0.2666, 0.3765, 0.4470
CMYK	0.00, 0.15, 0.25, 0.27
HSL	23°, 25%, 64%
HSV	23°, 25%, 73%
XYZ	37.7028, 37.2827, 30.4187
YIQ	165.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

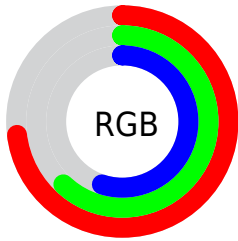
Format	Color
RYB	187, 171, 141
Decimal	12296077
CIELab	67.49, 7.52, 13.20
CIElCh	67, 15.190, 60.349
Yxy	37.2827, 0.3577, 0.3537
Android (android.graphics.Color)	4290486157 (0xFFBB9F8D)
YUV	165.3200, -11.9898, 19.0134
Hunter-Lab	61.0595, 3.3652, 13.2045

Details

The YIQ color $165.3200, 22.4660, 0.3380$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $162.6800, -22.4660, -0.3380$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $220.8040, 23.9790, 0.4510$, and $113.5370, 20.3570, 0.0130$ is the 20% darker color. If you saturate the color by 10%, you get $156.6970, 31.5900, 0.1820$, and if you desaturate by 10%, it is $173.9430, 13.3420, 0.4940$.

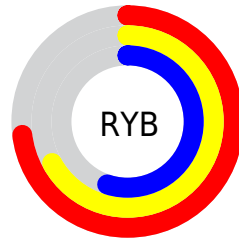
Distribution



Red (73%)

Green (62%)

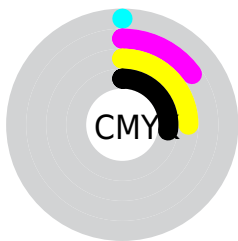
Blue (55%)



Red (73%)

Yellow (67%)

Blue (55%)

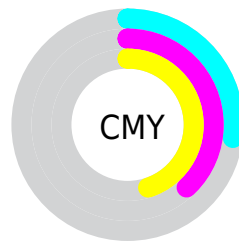


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.3200, 22.4660, 0.3380 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 165.3200, 22.4660, 0.3380 by changing the saturation by 10% instead.


 165.3200, 22.4660,
0.3380


 165.3200, 22.4660,
0.3380


255.0000, -0.0000,
-0.0000


 139.0210, 21.8700,
0.1260


 220.8040, 23.9790,
0.4510


 113.5370, 20.3570,
0.0130


 243.7210, 13.8470,
-3.1530

 88.3520, 19.4400,
0.1120

 254.5440, 1.2840,
-1.2440

 65.1670, 18.5230,
0.2110

 42.6830, 17.0100,
0.0980

 21.9280, 17.6980,
-1.3580

 0.0000, 0.0000,

0.0000

■ 165.3200, 22.4660,
0.3380

■ 165.3200, 22.4660,
0.3380

■ 156.6970, 31.5900,
0.1820

■ 173.9430, 13.3420,
0.4940

■ 147.6010, 40.6680,
0.8600

■ 183.0390, 4.2640,
-0.1840

■ 138.9780, 49.7920,
0.7040

■ 191.6620, -4.8600,
-0.0280

■ 129.7680, 59.1910,
1.0710

■ 200.8720,
-14.2590, -0.3950

■ 121.2590, 67.9940,
1.2260

■ 209.4950,
-23.3830, -0.2390

■ 112.6360, 77.1180,
1.0700

■ 218.0040,
-32.1860, -0.3940

■ 103.4260, 86.5170,
1.4370

■ 225.2760,
-36.1280, -6.0480

■ 98.7640, 91.3770,
1.4650

■ 231.7330,
-39.1530, -11.8010

■ 234.6680,
-40.5280, -14.4160

Harmonies

Analogous

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



166.4930, 23.6570, 6.2890



165.3200, 22.4660, 0.3380



163.6240, 15.4980, -5.5420

Triad

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



165.3200, 22.4660, 0.3380



159.4270, -20.6760, -10.7560



165.8720, -5.0910, 9.6690

Complementary

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



165.3200, 22.4660, 0.3380



162.6800, -22.4660, -0.3380

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.



163.1800, -17.8820, 4.6940



165.3200, 22.4660, 0.3380



159.8270, -27.5540, -7.2500

Square

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



165.3200, 22.4660, 0.3380



160.8320, -8.7550, -12.0430



161.0000, -26.3630, -1.2990



166.8690, 8.1590, 11.8310

Rectangle

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



165.3200, 22.4660, 0.3380



162.6230, 8.0710, -8.6090



161.0000, -26.3630, -1.2990



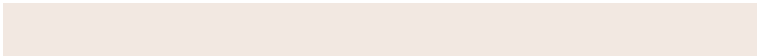
164.8930, -9.5840, 8.4960

Sweetspot

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



165.3200, 22.4660, 0.3380



234.1920, 8.2070, -0.0570



157.9460, 18.4280, 18.4600



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.



165.3200, 22.4660, 0.3380



207.9640, 35.2120, 0.6200



178.8210, 16.1410, -11.6910



90.0390, 4.2640, -0.1840



83.6360, 77.1180, 1.0700



16.3130, 15.1760, 0.2960

Inverse Universe

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



162.6800, -22.4660, -0.3380



204.0360, -35.2120, -0.6200



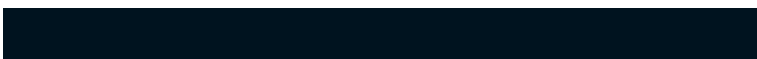
149.1790, -16.1410, 11.6910



89.5480, -4.5390, -0.3390



74.3640, -77.1180, -1.0700



14.6870, -15.1760, -0.2960

Previews

White Background



This preview shows how the YIQ color 165.3200, 22.4660, 0.3380 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 165.3200, 22.4660, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

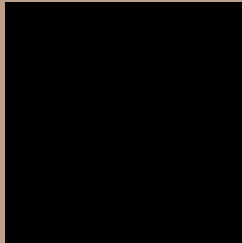
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.3200, 22.4660, 0.3380

Background



This preview shows how black text looks on a background with the YIQ color 165.3200, 22.4660, 0.3380.



This preview shows how white text looks on a background with the YIQ color 165.3200, 22.4660,

0.3380.

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

165.3200, 22.4660, 0.3380

Protanopia

164.1120, 11.1880, -4.5240

Deuteranopia

165.3310, 23.9330, 1.2850



Tritanopia

166.8330, 17.0080, 11.1520

Trichromacy



Original Color

165.3200, 22.4660, 0.3380

Protanomaly

164.3190, 15.0390, -2.7290

Deuteranomaly

165.0320, 23.3370, 1.0730

Tritanomaly

166.0950, 19.0260, 7.6180

Monochromacy



Original Color

165.3200, 22.4660, 0.3380

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1920, 8.2070, -0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3200, 22.4660, 0.3380 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(187, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 141)  
}
```

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(187, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 141) }
```

Border

The CSS property to change the border of an element to YIQ 165.3200, 22.4660, 0.3380 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(187, 159, 141) }
```


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

```
.border{ border-color:rgb(187, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3200, 22.4660, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 141) }
```

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

```
.background{ background-color: rgb(187,  
159, 141) }
```

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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