

Converting Colors

YIQ(165.9360, 32.4150, 1.7510)

Have a look what the booklet for
YIQ(165.9360, 32.4150, 1.7510)
contains.

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Color

**YIQ(165.9360, 32.4150,
1.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	C69C85
RGB	198, 156, 133
RGB Percent	78%, 61%, 52%
CMY	0.2234, 0.3883, 0.4783
CMYK	0.00, 0.21, 0.33, 0.22
HSL	21°, 36%, 65%
HSV	21°, 33%, 78%
XYZ	39.4162, 37.4742, 27.3596
YIQ	165.9360, 32.4150, 1.7510

Conversions

Conversions Part 2

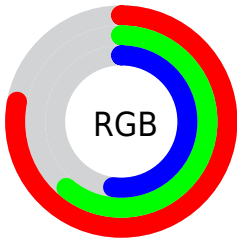
Format	Color
R _Y B	198, 169, 133
Decimal	13016197
CIE Lab	67.63, 12.38, 17.99
CIE LCh	68, 21.836, 55.454
Yxy	37.4742, 0.3781, 0.3595
Android (android.graphics.Color)	4291206277 (0xFFC69C85)
YUV	165.9360, -16.2374, 28.1201
Hunter-Lab	61.2162, 7.8051, 16.3526

Details

The YIQ color **165.9360, 32.4150, 1.7510** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165.0640, -32.4150, -1.7510**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3060, 34.2490, 1.5530**, and **113.8540, 29.7100, 1.2140** is the 20% darker color. If you saturate the color by 10%, you get **156.0250, 42.4100, 2.3300**, and if you desaturate by 10%, it is **175.8470, 22.4200, 1.1720**.

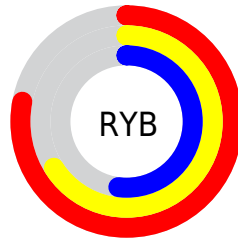
Distribution



Red (78%)

Green (61%)

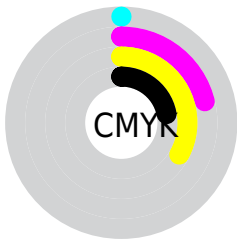
Blue (52%)



Red (78%)

Yellow (66%)

Blue (52%)

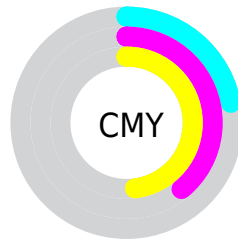


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9360, 32.4150, 1.7510 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 165.9360, 32.4150, 1.7510 by changing the saturation by 10% instead.


 165.9360, 32.4150,
1.7510


 165.9360, 32.4150,
1.7510


255.0000, -0.0000,
-0.0000


 139.4520, 30.9020,
1.6380


 221.3060, 34.2490,
1.5530


 113.8540, 29.7100,
1.2140


 240.9340, 17.5610,
-4.3830

 89.0710, 27.6010,
0.8890

 253.5180, 4.1730,
-4.0430

 65.0000, 26.3630,
1.2990

 42.9180, 23.6580,
0.7620

 21.6620, 21.5030,
1.2710

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 165.9360, 32.4150,
1.7510

■ 165.9360, 32.4150,
1.7510

■ 156.0250, 42.4100,
2.3300

■ 175.8470, 22.4200,
1.1720

■ 146.1140, 52.4050,
2.9090

■ 185.7580, 12.4250,
0.5930

■ 136.9040, 61.8040,
3.2760

■ 194.9680, 3.0260,
0.2260

■ 126.9930, 71.7990,
3.8550

■ 204.8790, -6.9690,
-0.3530

■ 117.0820, 81.7940,
4.4340

■ 214.7900,
-16.9640, -0.9320

■ 107.1710, 91.7890,
5.0130

■ 224.7010,
-26.9590, -1.5110

■ 100.2920, 98.7580,
5.3660

■ 232.6740,
-31.4970, -7.3770

■ 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.



167.5050, 32.5510, 10.3030



165.9360, 32.4150, 1.7510



163.8760, 23.4760, -6.9560

Triad

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



165.9360, 32.4150, 1.7510



157.2470, -29.1570, -16.7490



166.3430, -10.7310, 12.7650

Complementary

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



165.9360, 32.4150, 1.7510



165.0640, -32.4150, -1.7510

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.



162.2480, -29.7570, 5.1470



165.9360, 32.4150, 1.7510



156.5370, -41.5370, -12.6490

Square

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



165.9360, 32.4150, 1.7510



159.3000, -10.3130, -16.8490



158.5790, -41.3550, -4.9310



167.6290, 9.0750, 17.2590

Rectangle

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



165.9360, 32.4150, 1.7510



163.0380, 14.0320, -12.0160



158.5790, -41.3550, -4.9310



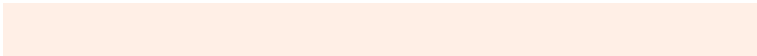
165.0540, -17.2870, 10.4330

Sweetspot

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



165.9360, 32.4150, 1.7510



242.7580, 12.4250, 0.5930



157.2230, 25.2580, 26.8420



120.3060, 7.8860, 0.2540



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.



165.9360, 32.4150, 1.7510



206.1460, 49.3790, 2.6830



184.7200, 23.6150, -14.9850



94.4520, 4.5390, 0.3390



82.7830, 81.1980, 4.2220



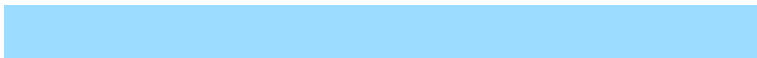
18.3950, 17.8810, 0.8330

Inverse Universe

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



165.0640, -32.4150, -1.7510



204.8540, -49.3790, -2.6830



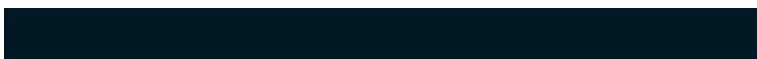
146.2800, -23.6150, 14.9850



94.5480, -4.5390, -0.3390



80.8040, -81.4730, -4.7450



17.6050, -17.8810, -0.8330

Previews

White Background



This preview shows how the YIQ color 165.9360, 32.4150, 1.7510 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 165.9360, 32.4150, 1.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

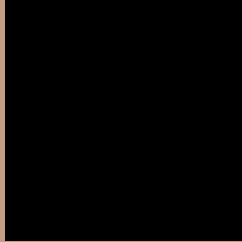
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9360, 32.4150, 1.7510

Background



This preview shows how black text looks on a background with the YIQ color 165.9360, 32.4150, 1.7510.



This preview shows how white text looks on a background with the YIQ color 165.9360, 32.4150,

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

165.9360, 32.4150, 1.7510

Protanopia

164.4990, 14.3520, -6.8000

Deuteranopia

165.3160, 28.2890, -0.5670



Tritanopia

167.9050, 25.6730, 13.8090

Trichromacy



Original Color

165.9360, 32.4150, 1.7510

Protanomaly

165.3150, 20.8620, -3.6340

Deuteranomaly

165.3270, 29.7560, 0.3800

Tritanomaly

166.9390, 28.3330, 9.6530

Monochromacy



Original Color

165.9360, 32.4150, 1.7510

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.8720, 12.1040, 0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9360, 32.4150, 1.7510 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, 156, 133)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 133)  
}
```

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, 156, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 133) }
```

Border

The CSS property to change the border of an element to YIQ 165.9360, 32.4150, 1.7510 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, 156, 133) }
```


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

```
.border{ border-color:rgb(198, 156, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 156, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 156, 133);  
box-shadow:4px 4px 4px 4px rgb(198, 156,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9360, 32.4150, 1.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 133) }
```

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

```
.background{ background-color: rgb(198,  
156, 133) }
```

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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