

Converting Colors

YIQ(169.2500, 28.6550, 3.8150)

Have a look what the booklet for
YIQ(169.2500, 28.6550, 3.8150)
contains.

YIQ(169.2500, 28.6550, 3.8150)	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(169.2500, 28.6550,
3.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	C79F90
RGB	199, 159, 144
RGB Percent	78%, 62%, 56%
CMY	0.2195, 0.3765, 0.4352
CMYK	0.00, 0.20, 0.28, 0.22
HSL	16°, 33%, 67%
HSV	16°, 28%, 78%
XYZ	40.9907, 38.9502, 31.7561
YIQ	169.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

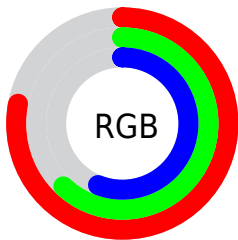
Format	Color
R_{YB}	199, 165, 144
Decimal	13082512
CIE _{Lab}	68.72, 12.61, 13.43
CIE _{LCh}	69, 18.421, 46.796
Yxy	38.9502, 0.3670, 0.3487
Android (android.graphics.Color)	4291272592 (0xFFC79F90)
YUV	169.2500, -12.4482, 26.0907
Hunter-Lab	62.4101, 8.0205, 13.5186

Details

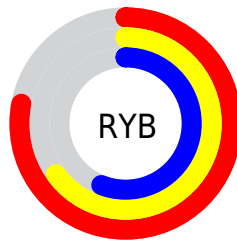
The YIQ color **169.2500, 28.6550, 3.8150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.7500, -28.6550, -3.8150**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4350, 29.5720, 3.7160**, and **117.1680, 25.9500, 3.2780** is the 20% darker color. If you saturate the color by 10%, you get **158.1650, 39.2000, 5.4400**, and if you desaturate by 10%, it is **179.7480, 18.3850, 2.7130**.

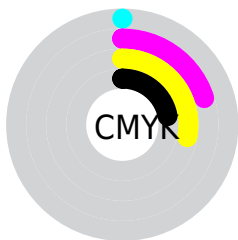
Distribution



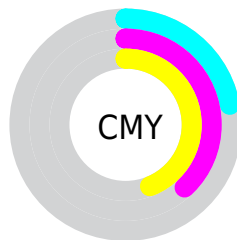
- Red (78%)
- Green (62%)
- Blue (56%)



- Red (78%)
- Yellow (65%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.2500, 28.6550, 3.8150 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 169.2500, 28.6550, 3.8150 by changing the saturation by 10% instead.


 169.2500, 28.6550,
3.8150


 169.2500, 28.6550,
3.8150


255.0000, -0.0000,
-0.0000


 142.6520, 27.4630,
3.3910


 224.4350, 29.5720,
3.7160


 116.5810, 26.2250,
3.8010

 244.0630, 12.8840,
-2.2200

 91.9830, 25.0330,
3.3770

 68.2000, 22.9240,
3.0520

 45.7160, 21.4110,
2.9390

 23.4340, 22.1450,
0.6490

 5.0830, 10.1320,

3.6040

■ 0.0000, 0.0000,
0.0000

■ 169.2500, 28.6550,
3.8150

■ 169.2500, 28.6550,
3.8150

■ 158.1650, 39.2000,
5.4400

■ 179.7480, 18.3850,
2.7130

■ 147.6670, 49.4700,
6.5420

■ 190.8330, 7.8400,
1.0880

■ 137.1690, 59.7400,
7.6440

■ 201.3310, -2.4300,
-0.0140

■ 126.0840, 70.2850,
9.2690

■ 212.4160,
-12.9750, -1.6390

■ 115.7000, 80.2340,
10.6820

■ 222.9140,
-23.2450, -2.7410

■ 104.6150, 90.7790,
12.3070

■ 232.9730,
-30.9010, -7.1650

■ 94.1170, 101.0490,
13.4090

■ 238.2560,
-33.3760, -11.8720

■ 91.1990, 103.7540,
13.9460

Harmonies

Analogous

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



170.3950, 27.0490, 10.8970



169.2500, 28.6550, 3.8150



167.9840, 23.2920, -3.6200

Triad

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



169.2500, 28.6550, 3.8150



162.0910, -19.8500, -14.7140



168.2670, -13.5730, 9.2030

Complementary

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



169.2500, 28.6550, 3.8150



173.7500, -28.6550, -3.8150

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.



165.0370, -27.7850, 2.4470



169.2500, 28.6550, 3.8150



161.1530, -31.5880, -11.2360

Square

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



169.2500, 28.6550, 3.8150



164.0020, -3.4820, -13.9940



161.8740, -34.9360, -5.6240



170.1120, 3.1610, 14.3050

Rectangle

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



169.2500, 28.6550, 3.8150



166.9290, 15.9570, -8.3550



161.8740, -34.9360, -5.6240



167.4620, -18.6160, 6.9840

Sweetspot

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



169.2500, 28.6550, 3.8150



243.9150, 10.5450, 1.6250



165.0050, 19.9400, 24.1000



120.6480, 6.9230, 1.1870



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.



169.2500, 28.6550, 3.8150



209.6170, 43.7390, 5.7790



185.0990, 21.2300, -10.3060



93.8650, 4.8140, 0.8620



74.5650, 85.0480, 11.5440



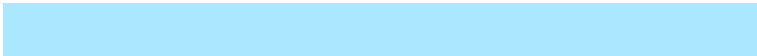
16.6340, 18.7060, 2.4020

Inverse Universe

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



173.7500, -28.6550, -3.8150



216.3830, -43.7390, -5.7790



157.9010, -21.2300, 10.3060



95.1350, -4.8140, -0.8620



88.4350, -85.0480, -11.5440



19.3660, -18.7060, -2.4020

Previews

White Background



This preview shows how the YIQ color 169.2500, 28.6550, 3.8150 looks on a white background.

Color Contrast Check

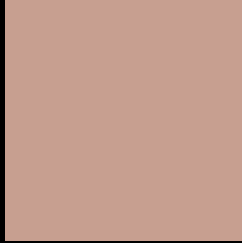
Large Text (above 18pt) WCAG AA × Fail

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 169.2500, 28.6550, 3.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

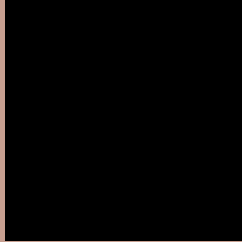
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.2500, 28.6550, 3.8150

Background



This preview shows how black text looks on a background with the YIQ color 169.2500, 28.6550, 3.8150.



This preview shows how white text looks on a background with the YIQ color 169.2500, 28.6550,

3.8150.

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

169.2500, 28.6550, 3.8150

Protanopia

167.2260, 10.8670, -4.2130

Deuteranopia

169.2170, 24.2540, 0.9740



Tritanopia

171.1220, 23.5640, 13.4840

Trichromacy



Original Color

169.2500, 28.6550, 3.8150

Protanomaly

168.0420, 17.3770, -1.0470

Deuteranomaly

169.2280, 25.7210, 1.9210

Tritanomaly

170.3840, 25.5820, 9.9500

Monochromacy



Original Color

169.2500, 28.6550, 3.8150

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9150, 10.5450, 1.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.2500, 28.6550, 3.8150 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(199, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 144)  
}
```

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(199, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 144) }
```

Border

The CSS property to change the border of an element to YIQ 169.2500, 28.6550, 3.8150 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(199, 159, 144) }
```


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

```
.border{ border-color:rgb(199, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 169.2500, 28.6550, 3.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 144) }
```

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

```
.background{ background-color: rgb(199,  
159, 144) }
```

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