

Converting Colors

YIQ(159.3400, 28.8820, 16.2260)

Have a look what the booklet for
YIQ(159.3400, 28.8820, 16.2260)
contains.

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Color

**YIQ(159.3400, 28.8820,
16.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	C58D9B
RGB	197, 141, 155
RGB Percent	77%, 55%, 61%
CMY	0.2273, 0.4471, 0.3920
CMYK	0.00, 0.28, 0.21, 0.23
HSL	345°, 33%, 66%
HSV	345°, 28%, 77%
XYZ	38.4755, 33.2855, 35.4189
YIQ	159.3400, 28.8820, 16.2260

Conversions

Conversions Part 2

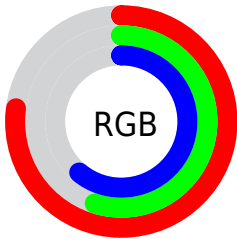
Format	Color
R _Y B	197, 141, 155
Decimal	12946843
CIE Lab	64.39, 23.36, 1.06
CIE LCh	64, 23.382, 2.593
Yxy	33.2855, 0.3590, 0.3106
Android (android.graphics.Color)	4291136923 (0xFFC58D9B)
YUV	159.3400, -2.1396, 33.0278
Hunter-Lab	57.6936, 18.0768, 3.9866

Details

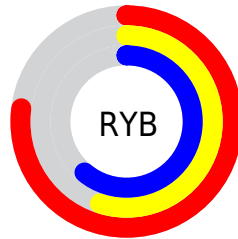
The YIQ color **159.3400, 28.8820, 16.2260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.6600, -28.8820, -16.2260**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2370, 30.6700, 16.8620**, and **107.1440, 26.4980, 15.3780** is the 20% darker color. If you saturate the color by 10%, you get **145.8900, 39.1970, 22.0210**, and if you desaturate by 10%, it is **172.7900, 18.5670, 10.4310**.

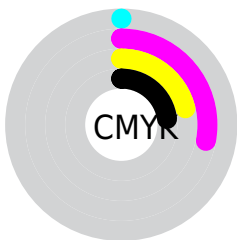
Distribution



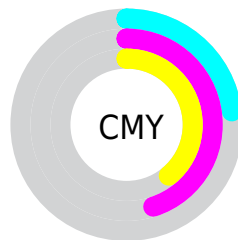
- Red (77%)
- Green (55%)
- Blue (61%)



- Red (77%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (23%)




- Cyan (23%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3400, 28.8820, 16.2260 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 159.3400, 28.8820, 16.2260 by changing the saturation by 10% instead.


 159.3400, 28.8820,
16.2260


 159.3400, 28.8820,
16.2260


255.0000, -0.0000,
-0.0000


 132.7420, 27.6900,
15.8020


 214.5360, 31.2660,
17.0740


 107.1440, 26.4980,
15.3780


 234.2780, 14.2570,
11.4490

 82.5460, 25.3060,
14.9540

 253.2390, 0.8250,
1.5690

 58.6490, 23.5180,
14.3180

 36.1650, 22.0050,
14.2050

 14.4530, 21.1340,
13.4700

 0.0000, 0.0000,

0.0000

■ 159.3400, 28.8820,
16.2260

■ 159.3400, 28.8820,
16.2260

■ 145.8900, 39.1970,
22.0210

■ 172.7900, 18.5670,
10.4310

■ 133.0270, 49.2370,
27.2930

■ 185.6530, 8.5270,
5.1590

■ 119.6910, 59.2310,
33.3990

■ 198.9890, -1.4670,
-0.9470

■ 106.2410, 69.5460,
39.1940

■ 212.4390,
-11.7820, -6.7420

■ 92.7910, 79.8610,
44.9890

■ 225.3020,
-21.8220, -12.0140

■ 79.9280, 89.9010,
50.2610

■ 236.4040,
-31.0370, -15.7170

■ 66.5920, 99.8950,
56.3670

■ 237.6580,
-34.5680, -12.2960

■ 64.4890, 101.6830,
57.0030

Harmonies

Analogous

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



159.9070, 14.1640, 18.6440



159.3400, 28.8820, 16.2260



158.5330, 35.3480, 9.1720

Triad

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



159.3400, 28.8820, 16.2260



152.8410, 4.2210, -15.9310



149.6760, -43.0060, -2.5420

Complementary

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



159.3400, 28.8820, 16.2260



178.6600, -28.8820, -16.2260

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.



146.7260, -46.4430, -11.8430



159.3400, 28.8820, 16.2260



149.7230, -15.9980, -18.4460

Square

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



159.3400, 28.8820, 16.2260



154.8110, 22.1010, -9.5710



147.3110, -35.2090, -17.2010



154.3840, -27.1440, 7.3520

Rectangle

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



159.3400, 28.8820, 16.2260



157.2460, 34.4780, 2.9100



147.3110, -35.2090, -17.2010



148.6000, -45.8480, -6.1040

Sweetspot

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



159.3400, 28.8820, 16.2260



239.5610, 11.7820, 6.7420



159.6430, 6.4600, 26.1080



117.9410, 7.6560, 4.4240



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.



159.3400, 28.8820, 16.2260



196.5210, 44.7900, 25.2860



165.3750, 29.8010, 5.0730



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Inverse Universe

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



159.3400, 28.8820, 16.2260



196.5210, 44.7900, 25.2860



172.6250, -29.8010, -5.0730



92.9190, 4.7220, 2.5300



53.4110, 83.9870, 47.3070



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 159.3400, 28.8820, 16.2260 looks on a white background.

Color Contrast Check

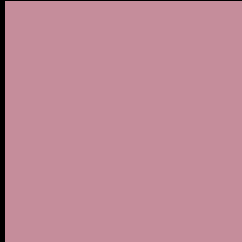
Large Text (above 18pt) WCAG AA × Fail

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 159.3400, 28.8820, 16.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

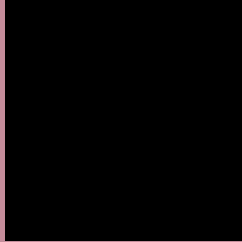
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3400, 28.8820, 16.2260

Background



This preview shows how black text looks on a background with the YIQ color 159.3400, 28.8820, 16.2260.



This preview shows how white text looks on a background with the YIQ color 159.3400, 28.8820,

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

159.3400, 28.8820, 16.2260

Protanopia

157.2110, -1.9720, 2.7000

Deuteranopia

157.8060, 12.4700, 5.2860



Tritanopia

158.9980, 29.8450, 15.2930

Trichromacy



Original Color

159.3400, 28.8820, 16.2260

Protanomaly

158.4190, 9.3060, 7.5620

Deuteranomaly

158.2630, 18.6130, 9.5970

Tritanomaly

159.1120, 29.5240, 15.6040

Monochromacy



Original Color

159.3400, 28.8820, 16.2260

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9630, 10.5900, 6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3400, 28.8820, 16.2260 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(197, 141, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 155)  
}
```

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(197, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 155) }
```

Border

The CSS property to change the border of an element to YIQ 159.3400, 28.8820, 16.2260 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(197, 141, 155) }
```


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

```
.border{ border-color:rgb(197, 141, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3400, 28.8820, 16.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 155) }
```

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

```
.background{ background-color: rgb(197,  
141, 155) }
```

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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