

Converting Colors

YIQ(180.3910, 32.8720, 9.9920)

Have a look what the booklet for
YIQ(180.3910, 32.8720, 9.9920)
contains.

YIQ(180.3910, 32.8720, 9.9920)	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(180.3910, 32.8720,
9.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA5A1
RGB	218, 165, 161
RGB Percent	85%, 65%, 63%
CMY	0.1450, 0.3530, 0.3685
CMYK	0.00, 0.24, 0.26, 0.14
HSL	4°, 44%, 74%
HSV	4°, 26%, 86%
XYZ	48.8100, 44.3869, 39.7289
YIQ	180.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

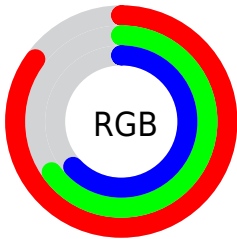
Format	Color
RYB	218, 165, 161
Decimal	14329249
CIELab	72.49, 18.99, 9.65
CIElCh	72, 21.302, 26.928
Yxy	44.3869, 0.3672, 0.3339
Android (android.graphics.Color)	4292519329 (0xFFDAA5A1)
YUV	180.3910, -9.5598, 32.9831
Hunter-Lab	66.6235, 14.1823, 11.2806

Details

The YIQ color **180.3910, 32.8720, 9.9920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.6090, -32.8720, -9.9920**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0090, 22.1440, 6.1760**, and **127.3090, 30.1670, 9.4550** is the 20% darker color. If you saturate the color by 10%, you get **166.1430, 45.4340, 13.6100**, and if you desaturate by 10%, it is **194.6390, 20.3100, 6.3740**.

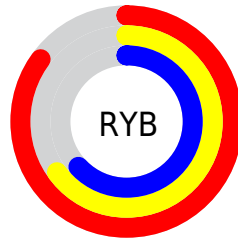
Distribution



Red (85%)

Green (65%)

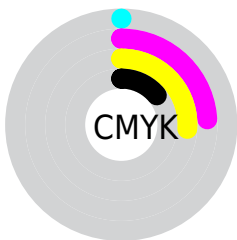
Blue (63%)



Red (85%)

Yellow (65%)

Blue (63%)

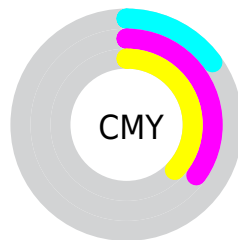


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (14%)



Cyan (15%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.3910, 32.8720, 9.9920 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 180.3910, 32.8720, 9.9920 by changing the saturation by 10% instead.


 180.3910, 32.8720,
9.9920

 180.3910, 32.8720,
9.9920


255.0000, -0.0000,
-0.0000


 153.7930, 31.6800,
9.5680


 230.0090, 22.1440,
6.1760


 127.3090, 30.1670,
9.4550

 250.2240, 5.1810,
-0.2830

 101.7110, 28.9750,
9.0310

 77.2270, 27.4620,
8.9180

 54.0310, 25.0780,
8.0700

 31.6610, 23.2440,
8.2680

 11.3620, 22.6480,

8.0560

■ 0.0000, 0.0000,
0.0000

■ 180.3910, 32.8720,
9.9920

■ 180.3910, 32.8720,
9.9920

■ 166.1430, 45.4340,
13.6100

■ 194.6390, 20.3100,
6.3740

■ 151.3080, 58.2710,
17.7510

■ 209.4740, 7.4730,
2.2330

■ 137.1740, 70.5120,
21.6800

■ 223.6080, -4.7680,
-1.6960

■ 122.9260, 83.0740,
25.2980

■ 237.8560,
-17.3300, -5.3140

■ 108.6780, 95.6360,
28.9160

■ 243.9370,
-22.0520, -7.8440

■ 93.8430, 108.4730,
33.0570

■ 79.5950, 121.0350,
36.6750

■ 73.9870, 125.8030,
38.3710

Harmonies

Analogous

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



181.1870, 24.9390, 16.0990



180.3910, 32.8720, 9.9920



178.6370, 31.8190, 1.5390

Triad

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



180.3910, 32.8720, 9.9920



173.0010, -10.9090, -17.0610



175.7320, -28.2440, 5.2600

Complementary

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



180.3910, 32.8720, 9.9920



198.6090, -32.8720, -9.9920

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.



171.7040, -40.2090, -3.6730



180.3910, 32.8720, 9.9920



170.6600, -28.8820, -16.2260

Square

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



180.3910, 32.8720, 9.9920



175.1620, 7.7510, -13.8250



170.2490, -40.6660, -11.9140



179.2400, -8.9430, 13.4010

Rectangle

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



180.3910, 32.8720, 9.9920



178.1970, 27.0060, -4.8500



170.2490, -40.6660, -11.9140



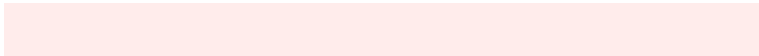
174.4000, -33.2410, 2.2070

Sweetspot

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



180.3910, 32.8720, 9.9920



241.5670, 11.6450, 3.7170



184.0850, 16.9590, 28.5670



119.4740, 7.4730, 2.2330



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.



180.3910, 32.8720, 9.9920



202.5560, 45.7090, 14.1330



196.8270, 25.1720, -4.6520



102.2890, 6.5560, 2.3320



58.7710, 99.8080, 30.4000



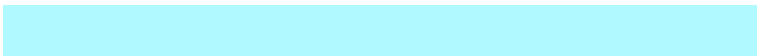
15.5150, 26.5910, 8.1830

Inverse Universe

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



198.6090, -32.8720, -9.9920



228.4440, -45.7090, -14.1330



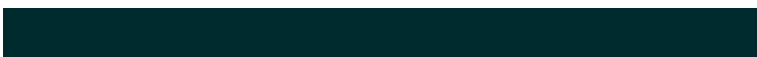
182.1730, -25.1720, 4.6520



106.1240, -6.2810, -1.8090



114.2290, -99.8080, -30.4000



30.4850, -26.5910, -8.1830

Previews

White Background



This preview shows how the YIQ color 180.3910, 32.8720, 9.9920 looks on a white background.

Color Contrast Check

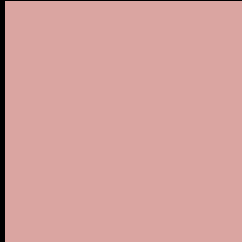
Large Text (above 18pt) WCAG AA × Fail

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 180.3910, 32.8720, 9.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

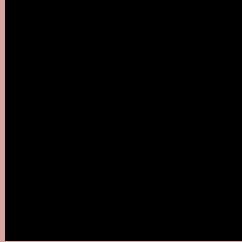
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.3910, 32.8720, 9.9920

Background



This preview shows how black text looks on a background with the YIQ color 180.3910, 32.8720, 9.9920.



This preview shows how white text looks on a background with the YIQ color 180.3910, 32.8720,

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

180.3910, 32.8720, 9.9920

Protanopia

178.0670, 7.0610, -1.3150

Deuteranopia

179.6020, 21.7320, 2.6280



Tritanopia

181.4110, 30.1200, 15.8160

Trichromacy



Original Color

180.3910, 32.8720, 9.9920

Protanomaly

178.9650, 16.2760, 2.3880

Deuteranomaly

179.6350, 26.1330, 5.4690

Tritanomaly

181.1290, 30.8540, 13.5260

Monochromacy



Original Color

180.3910, 32.8720, 9.9920

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.4530, 11.9660, 3.4060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.3910, 32.8720, 9.9920 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(218, 165, 161)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 161)  
}
```

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(218, 165, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 161) }
```

Border

The CSS property to change the border of an element to YIQ 180.3910, 32.8720, 9.9920 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(218, 165, 161) }
```


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

```
.border{ border-color:rgb(218, 165, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 161);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 180.3910, 32.8720, 9.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 161) }
```

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

```
.background{ background-color: rgb(218,  
165, 161) }
```

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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