

Converting Colors

XYZ(32.4985, 28.3758, 32.1980)

Have a look what the booklet for
XYZ(32.4985, 28.3758, 32.1980)
contains.

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Color

**XYZ(32.4985, 28.3758,
32.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	B48495
RGB	180, 132, 149
RGB Percent	71%, 52%, 58%
CMY	0.2941, 0.4823, 0.4157
CMYK	0.00, 0.27, 0.17, 0.29
HSL	339°, 24%, 61%
HSV	339°, 27%, 71%
XYZ	32.4985, 28.3758, 32.1980
YIQ	148.2900, 23.1510, 15.4630

Conversions

Conversions Part 2

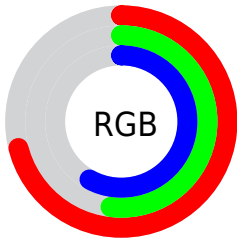
Format	Color
RYB	180, 132, 149
Decimal	11830421
CIELab	60.23, 21.07, -1.82
CIElCh	60, 21.147, 355.062
Yxy	28.3758, 0.3492, 0.3049
Android (android.graphics.Color)	4290020501 (0xFFB48495)
YUV	148.2900, 0.3500, 27.8097
Hunter-Lab	53.2689, 15.6793, 1.4509

Details

The XYZ color **32.4985, 28.3758, 32.1980** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4491, 40.1932, 40.7001**, and the grayscale version is **28.2619, 29.7337, 32.3800**.

A 20% lighter version of the original color is **62.7205, 56.8426, 64.1659**, and **13.8261, 11.3520, 13.0177** is the 20% darker color. If you saturate the color by 10%, you get **29.3827, 23.5559, 26.8063**, and if you desaturate by 10%, it is **36.1298, 34.0776, 38.2193**.

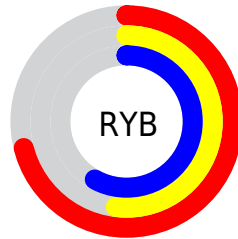
Distribution



Red (71%)

Green (52%)

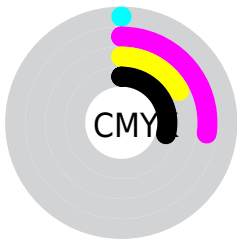
Blue (58%)



Red (71%)

Yellow (52%)

Blue (58%)

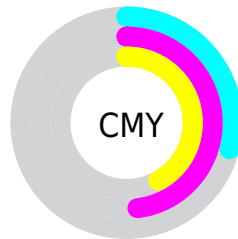


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4985, 28.3758, 32.1980 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 XYZ color 32.4985, 28.3758, 32.1980 by changing the saturation by 10% instead.


 32.4985, 28.3758,
32.1980


 32.4985, 28.3758,
32.1980


305.0890,
294.2583, 326.5407


 21.8999, 18.6091,
21.2467


 62.9517, 57.0839,
64.2229

 13.8996, 11.3882,
13.1115


 83.5370, 76.7941,
86.1335

 8.1321, 6.3286,
7.3737


 108.1820,
100.5875, 112.5344

 4.2321, 3.0459,
3.6149

137.2520,
128.8487, 143.8440

 1.8343, 1.1557,
1.4166

171.1123,
161.9620, 180.4809

 0.5382, 0.0251,
0.1546

210.1284,

 0.0000, 0.0000,

200.3118, 222.8636

0.0000

254.6655,
244.2824, 271.4107

■ 32.4985, 28.3758,
32.1980

■ 32.4985, 28.3758,
32.1980

■ 29.3827, 23.5559,
26.8063

■ 36.1298, 34.0776,
38.2193

■ 26.7555, 19.5698,
22.0211

■ 40.2967, 40.6986,
44.8888

■ 24.5915, 16.3705,
17.8201


■ 45.0214, 48.2788,
52.2265


■ 22.8616, 13.9048,
14.1790


■ 50.3240, 56.8544,
60.2509


■ 21.5334, 12.1127,
11.0715


■ 56.2235, 66.4599,
68.9798

 20.5695, 10.9249,
8.4687

 62.7382, 77.1281,
78.4302

 19.9195, 10.2464,
6.3361

 68.9192, 86.9580,
88.2967

 19.7406, 10.0706,
5.7154

 70.6107, 87.6347,
97.2043

 72.4133, 88.3557,
106.6966

Harmonies

Analogous

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



31.4687, 28.3758, 40.2489



32.4985, 28.3758, 32.1980



31.9681, 28.3758, 24.9995

Triad

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



32.4985, 28.3758, 32.1980



24.8240, 28.3758, 19.2598



24.0966, 28.3758, 44.8065

Complementary

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



32.4985, 28.3758, 32.1980



32.4491, 40.1932, 40.7001

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.



22.5227, 28.3758, 37.6546



32.4985, 28.3758, 32.1980



22.9225, 28.3758, 23.1181

Square

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



32.4985, 28.3758, 32.1980



27.4211, 28.3758, 18.2922



22.1076, 28.3758, 29.6304



26.5246, 28.3758, 48.2648

Rectangle

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



32.4985, 28.3758, 32.1980



30.8185, 28.3758, 21.4958



22.1076, 28.3758, 29.6304



23.4567, 28.3758, 42.7021

Sweetspot

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



32.4993, 28.3771, 32.1986



71.8909, 71.9195, 79.5365



31.4723, 27.5226, 46.8340



15.2858, 15.1422, 16.7902



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4993, 28.3771, 32.1986



55.4930, 46.1224, 52.4948



32.1343, 29.6626, 25.8632



8.6165, 8.5533, 9.4791



13.8070, 7.0403, 4.1435



0.4628, 0.2329, 0.2799

Inverse Universe

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



32.4993, 28.3771, 32.1986



55.4930, 46.1224, 52.4948



32.8138, 38.3194, 48.8472



8.6165, 8.5533, 9.4791



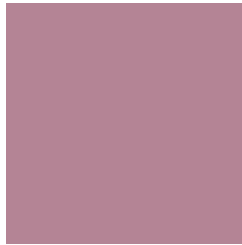
13.8070, 7.0403, 4.1435



0.4628, 0.2329, 0.2799

Previews

White Background



This preview shows how the XYZ color 32.4985, 28.3758, 32.1980 looks on a white background.

Color Contrast Check

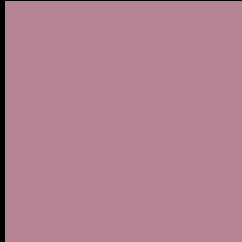
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 32.4985, 28.3758, 32.1980 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 × Fail

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

XYZ 32.4985, 28.3758, 32.1980

Background



This preview shows how black text looks on a background with the XYZ color 32.4985, 28.3758, 32.1980.



This preview shows how white text looks on a background with the XYZ color 32.4985, 28.3758,

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

32.4985, 28.3758, 32.1980

Protanopia

27.8883, 28.7049, 35.9690

Deuteranopia

29.0894, 28.5273, 31.5769



Tritanopia

31.9359, 28.3419, 29.7739

Trichromacy



Original Color

32.4985, 28.3758, 32.1980

Protanomaly

29.3114, 28.3584, 34.5007

Deuteranomaly

30.3701, 28.5306, 31.9232

Tritanomaly

32.0888, 28.4031, 30.5791

Monochromacy



Original Color

32.4985, 28.3758, 32.1980

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.5155, 28.9577, 32.0507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4985, 28.3758, 32.1980 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(180, 132, 149)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 149)  
}
```

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(180, 132, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.4985, 28.3758, 32.1980 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(180, 132, 149) }
```


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

```
.border{ border-color:rgb(180, 132, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 132, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 132, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 132, 149); box-shadow:4px 4px 4px 4px rgb(180, 132, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4985, 28.3758, 32.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 149) }
```

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

```
.background{ background-color: rgb(180,  
132, 149) }
```

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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