

Converting Colors

XYZ(32.7818, 29.9102, 25.8753)

Have a look what the booklet for
XYZ(32.7818, 29.9102, 25.8753)
contains.

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Color

**XYZ(32.7818, 29.9102,
25.8753)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B78A84 |
| RGB | 183, 138, 132 |
| RGB Percent | 72%, 54%, 52% |
| CMY | 0.2824, 0.4588, 0.4823 |
| CMYK | 0.00, 0.25, 0.28, 0.28 |
| HSL | 7°, 26%, 62% |
| HSV | 7°, 28%, 72% |
| XYZ | 32.7818, 29.9102, 25.8753 |
| YIQ | 150.7710, 28.7460, 7.6740 |

Conversions

Conversions Part 2

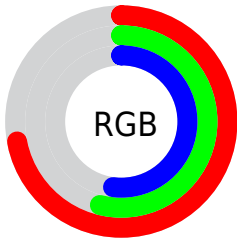
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 183, 139, 132 |
| Decimal | 12028548 |
| CIELab | 61.58, 16.26, 9.87 |
| CIElCh | 62, 19.025, 31.258 |
| Yxy | 29.9102, 0.3701, 0.3377 |
| Android (android.graphics.Color) | 4290218628 (0xFFB78A84) |
| YUV | 150.7710, -9.2541, 28.2648 |
| Hunter-Lab | 54.6902, 11.2866, 10.2316 |

Details

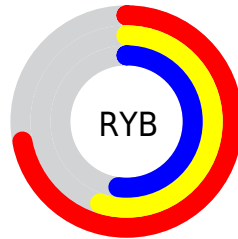
The XYZ color **32.7818, 29.9102, 25.8753** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7847, 39.7676, 50.6952**, and the grayscale version is **29.3479, 30.8763, 33.6243**.

A 20% lighter version of the original color is **63.5418, 59.7273, 54.0785**, and **14.1043, 12.2711, 9.8088** is the 20% darker color. If you saturate the color by 10%, you get **29.4910, 25.1599, 19.1325**, and if you desaturate by 10%, it is **36.6383, 35.4400, 33.8910**.

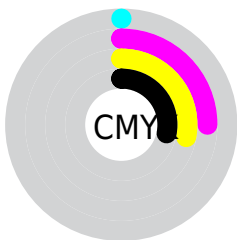
Distribution



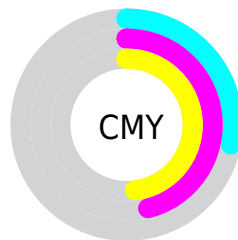
- Red (72%)
- Green (54%)
- Blue (52%)



- Red (72%)
- Yellow (55%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (28%)





- Cyan (28%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7818, 29.9102, 25.8753 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 32.7818, 29.9102, 25.8753 by changing the saturation by 10% instead.


 32.7818, 29.9102,
25.8753


 32.7818, 29.9102,
25.8753


306.3478,
301.4857, 295.7554


 22.1178, 19.7704,
16.5054


 63.3917, 59.5201,
54.0553

 14.0606, 12.2283,
9.7243


 84.0682, 79.7591,
73.7026

 8.2448, 6.8993,
5.1133


 108.8130,
104.1333, 97.6127

 4.3051, 3.3992,
2.2540

137.9914,
133.0270, 126.2042

 1.8761, 1.3435,
0.7053

171.9687,
166.8247, 159.8957

 0.5629, 0.1745,
0.0000


211.1103,


 0.0000, 0.0000,


205.9108, 199.1057


0.0000


255.7815,
250.6696, 244.2528


 32.7818, 29.9102,
25.8753


 32.7818, 29.9102,
25.8753

 29.4910, 25.1599,
19.1325


 36.6383, 35.4400,
33.8910


 26.7369, 21.1499,
13.5955


 41.0829, 41.7776,
43.2387


 24.4914, 17.8441,
9.1933

 46.1398, 48.9553,
53.9758

 22.7231, 15.2017,
5.8473

 51.8310, 57.0023,
66.1559

 21.3969, 13.1775,
3.4682

 58.1776, 65.9463,
79.8296

■ 20.4727, 11.7209,
1.9526

■ 65.1995, 75.8138,
95.0452

■ 19.8972, 10.7704,
1.1422

■ 72.0836, 86.2974,
107.4656

■ 19.8067, 10.6238,
1.0067

■ 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



33.5612, 29.9102, 32.2630



32.7818, 29.9102, 25.8753



30.8265, 29.9102, 21.8389

Triad

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



32.7818, 29.9102, 25.8753



24.3829, 29.9102, 26.3312



28.5354, 29.9102, 48.5301

Complementary

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



32.7818, 29.9102, 25.8753



33.7847, 39.7676, 50.6952

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.



26.1586, 29.9102, 46.3346



32.7818, 29.9102, 25.8753



23.8482, 29.9102, 32.8731

Square

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



32.7818, 29.9102, 25.8753



25.9845, 29.9102, 22.0734



24.4792, 29.9102, 40.3234



31.0217, 29.9102, 45.9498

Rectangle

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



32.7818, 29.9102, 25.8753



29.1727, 29.9102, 20.6722



24.4792, 29.9102, 40.3234



27.6976, 29.9102, 48.3241

Sweetspot

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



32.7826, 29.9116, 25.8759



73.3547, 74.5042, 76.9664



35.7208, 29.7465, 45.4803



15.9226, 16.0584, 16.4101



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7826, 29.9116, 25.8759



55.2453, 48.5731, 39.2149



36.8708, 38.0880, 27.2386



9.0875, 9.1780, 9.3995



13.8448, 7.4659, 0.7114



0.5161, 0.3193, 0.0344

Inverse Universe

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



33.7847, 39.7676, 50.6952



57.3106, 68.9353, 90.5210



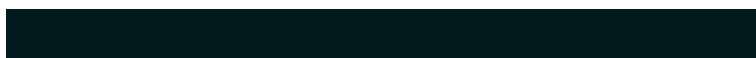
29.2187, 30.6355, 49.1732



9.1740, 10.0252, 11.5310



14.9424, 20.3444, 34.3924



0.5525, 0.7686, 1.2210

Previews

White Background



This preview shows how the XYZ color 32.7818, 29.9102, 25.8753 looks on a white background.

Color Contrast Check

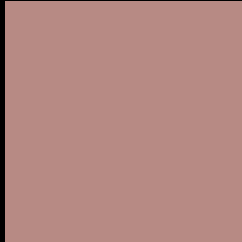
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7818, 29.9102, 25.8753 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 32.7818, 29.9102, 25.8753

Background



This preview shows how black text looks on a background with the XYZ color 32.7818, 29.9102, 25.8753.



This preview shows how white text looks on a background with the XYZ color 32.7818, 29.9102,

25.8753.

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

32.7818, 29.9102, 25.8753

Protanopia

28.4317, 29.8560, 27.9312

Deuteranopia

30.6476, 30.1313, 25.6733



Tritanopia

34.0001, 29.9979, 31.1923

Trichromacy



Original Color

32.7818, 29.9102, 25.8753

Protanomaly

29.8635, 29.6951, 27.0794

Deuteranomaly

31.4489, 30.0987, 25.6248

Tritanomaly

33.5205, 30.0048, 29.2241

Monochromacy



Original Color

32.7818, 29.9102, 25.8753

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.4172, 30.3579, 30.6421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7818, 29.9102, 25.8753 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(183, 138, 132)` looks like.

```
.text, #text, p{  
    color:rgb(183, 138, 132)  
}
```

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(183, 138, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 138, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.7818, 29.9102, 25.8753 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(183, 138, 132) }
```


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

```
.border{ border-color:rgb(183, 138, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 138, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 138, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 138, 132);  
box-shadow:4px 4px 4px 4px rgb(183, 138,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7818, 29.9102, 25.8753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 138, 132) }
```

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

```
.background{ background-color: rgb(183,  
138, 132) }
```

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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