

Converting Colors

XYZ(32.9951, 29.3961, 25.1615)

Have a look what the booklet for
XYZ(32.9951, 29.3961, 25.1615)
contains.

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Color

**XYZ(32.9429, 29.3788,
25.0535)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BA8782 |
| RGB | 186, 135, 130 |
| RGB Percent | 73%, 53%, 51% |
| CMY | 0.2706, 0.4706, 0.4902 |
| CMYK | 0.00, 0.27, 0.30, 0.27 |
| HSL | 5°, 29%, 62% |
| HSV | 5°, 30%, 73% |
| XYZ | 32.9429, 29.3788, 25.0535 |
| YIQ | 149.6790, 32.0010, 9.2570 |

Conversions

Conversions Part 2

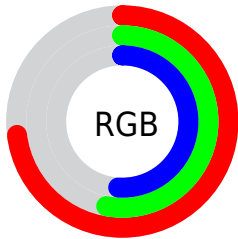
| Format | Color |
|-------------------------------------|--|
| RYB | 186, 135, 130 |
| Decimal | 12224386 |
| CIELab | 61.11, 18.83, 10.40 |
| CIELCh | 61, 21.510, 28.915 |
| Yxy | 29.3788, 0.3770, 0.3362 |
| Android (android.graphics.Color) | 4290414466 (0xFFBA8782) |
| YUV | 149.6790, -9.7017, 31.8535 |
| Hunter-Lab | 54.2022, 13.6345, 10.5364 |

Details

The XYZ color **32.9429, 29.3788, 25.0535** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5920, 41.3371, 52.6100**, and the grayscale version is **28.8844, 30.3887, 33.0932**.

A 20% lighter version of the original color is **63.7070, 58.8688, 52.8048**, and **14.0938, 11.9164, 9.3418** is the 20% darker color. If you saturate the color by 10%, you get **29.6274, 24.5683, 18.3356**, and if you desaturate by 10%, it is **36.8617, 35.0343, 33.0865**.

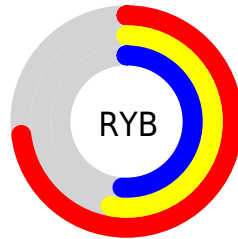
Distribution



Red (73%)

Green (53%)

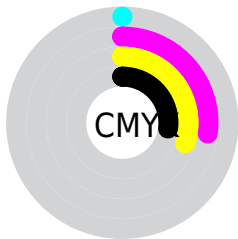
Blue (51%)



Red (73%)

Yellow (53%)

Blue (51%)

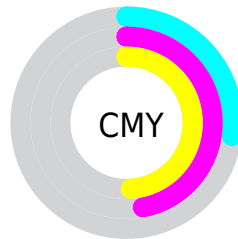


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9429, 29.3788, 25.0535 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 32.9429, 29.3788, 25.0535 by changing the saturation by 10% instead.


 32.9429, 29.3788,
25.0535


 32.9429, 29.3788,
25.0535


307.0619,
298.9981, 291.5605


 22.2417, 19.3676,
15.8975


 63.6416, 58.6784,
52.7092

 14.1522, 11.9362,
9.2981

 84.3699, 78.7355,
72.0460

 8.3090, 6.7002,
4.8367


 109.1713,
102.9101, 95.6135

 4.3468, 3.2753,
2.0947

138.4111,
131.5865, 123.8303

 1.9001, 1.2771,
0.6126

172.4547,
165.1491, 157.1148

 0.5769, 0.1234,
0.0000

211.6675,

 0.0000, 0.0000,

203.9823, 195.8857

0.0000

256.4148,
248.4705, 240.5614

■ 32.9429, 29.3788,
25.0535

■ 32.9429, 29.3788,
25.0535

■ 29.6274, 24.5683,
18.3356

■ 36.8617, 35.0343,
33.0865

■ 26.8829, 20.5584,
12.8611

■ 41.4091, 41.5682,
42.4977

■ 24.6777, 17.3066,
8.5540


■ 46.6122, 49.0173,
53.3481


■ 22.9760, 14.7652,
5.3294


■ 52.4954, 57.4150,
65.6946


■ 21.7378, 12.8809,
3.0909

■ 59.0822, 66.7931,
79.5911

 20.9166, 11.5929,
1.7248

 66.3947, 77.1817,
95.0887

 20.4443, 10.8283,
1.0125

 73.6053, 88.2703,
107.7662

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



33.7021, 29.3788, 32.2834



32.9429, 29.3788, 25.0535



30.8172, 29.3788, 20.4493

Triad

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



32.9429, 29.3788, 25.0535



23.5335, 29.3788, 24.6234



27.8212, 29.3788, 50.1579

Complementary

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



32.9429, 29.3788, 25.0535



34.5920, 41.3371, 52.6100

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.



25.2172, 29.3788, 47.2122



32.9429, 29.3788, 25.0535



22.8466, 29.3788, 31.6955

Square

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



32.9429, 29.3788, 25.0535



25.3836, 29.3788, 20.2320



23.4421, 29.3788, 40.0980



30.6277, 29.3788, 47.5943

Rectangle

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



32.9429, 29.3788, 25.0535



28.9790, 29.3788, 19.0433



23.4421, 29.3788, 40.0980



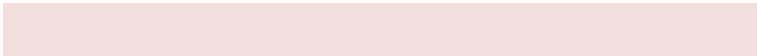
26.8943, 29.3788, 49.7717

Sweetspot

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



32.9437, 29.3802, 25.0541



75.9080, 76.5656, 78.7992



36.6072, 29.7545, 47.7094



16.4306, 16.4515, 16.7594



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.9437, 29.3802, 25.0541



55.6911, 47.4245, 37.2466



37.3171, 38.1271, 26.5119



9.0674, 9.1378, 9.3928



13.7791, 7.3345, 0.6895



0.5075, 0.3020, 0.0315

Inverse Universe

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



34.5920, 41.3371, 52.6100



59.1429, 72.5045, 95.0790



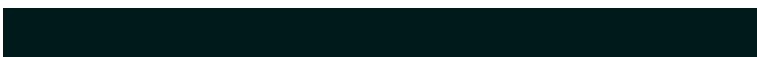
29.5150, 31.1830, 50.9176



9.1962, 10.0697, 11.5384



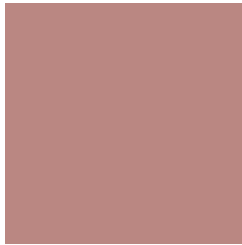
15.5837, 21.6271, 34.6062



0.5696, 0.8028, 1.2267

Previews

White Background



This preview shows how the XYZ color 32.9429, 29.3788, 25.0535 looks on a white background.

Color Contrast Check

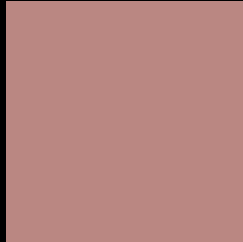
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9429, 29.3788, 25.0535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

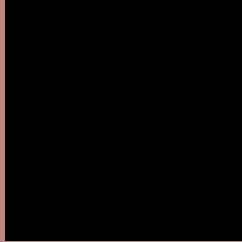
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9429, 29.3788, 25.0535

Background



This preview shows how black text looks on a background with the XYZ color 32.9429, 29.3788, 25.0535.



This preview shows how white text looks on a background with the XYZ color 32.9429, 29.3788,

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

32.9429, 29.3788, 25.0535

Protanopia

28.0145, 29.4173, 27.4941

Deuteranopia

29.9976, 29.3660, 24.8560



Tritanopia

33.8390, 29.3230, 29.8630

Trichromacy



Original Color

32.9429, 29.3788, 25.0535

Protanomaly

29.6426, 29.3655, 26.6600

Deuteranomaly

30.8743, 29.1642, 24.7709

Tritanomaly

33.6061, 29.4500, 27.9579

Monochromacy



Original Color

32.9429, 29.3788, 25.0535

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1876, 30.0205, 30.1901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9429, 29.3788, 25.0535 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(186, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 130)  
}
```

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(186, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.9429, 29.3788, 25.0535 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(186, 135, 130) }
```


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

```
.border{ border-color:rgb(186, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9429, 29.3788, 25.0535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 130) }
```

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

```
.background{ background-color: rgb(186,  
135, 130) }
```

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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