

Converting Colors

XYZ(32.7694, 32.2675, 28.9279)

Have a look what the booklet for
XYZ(32.7694, 32.2675, 28.9279)
contains.

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Color

**XYZ(32.8632, 32.3576,
28.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	AE958B
RGB	174, 149, 139
RGB Percent	68%, 58%, 55%
CMY	0.3176, 0.4157, 0.4549
CMYK	0.00, 0.14, 0.20, 0.32
HSL	17°, 18%, 61%
HSV	17°, 20%, 68%
XYZ	32.8632, 32.3576, 28.9397
YIQ	155.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

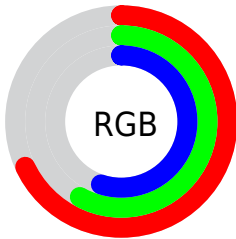
Format	Color
RYB	174, 153, 139
Decimal	11441547
CIELab	63.64, 7.67, 8.72
CIELCh	64, 11.611, 48.647
Yxy	32.3576, 0.3490, 0.3436
Android (android.graphics.Color)	4289631627 (0xFFAE958B)
YUV	155.3350, -8.0532, 16.3692
Hunter-Lab	56.8837, 3.5775, 9.6547

Details

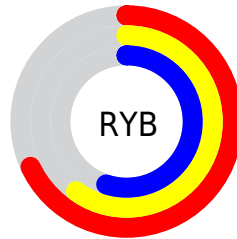
The XYZ color **32.8632, 32.3576, 28.9397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5627, 35.0951, 45.1552**, and the grayscale version is **31.3338, 32.9656, 35.8995**.

A 20% lighter version of the original color is **63.5035, 63.3406, 58.7481**, and **14.0560, 13.5216, 11.3203** is the 20% darker color. If you saturate the color by 10%, you get **29.8295, 28.1653, 22.1473**, and if you desaturate by 10%, it is **36.3108, 37.0534, 36.8692**.

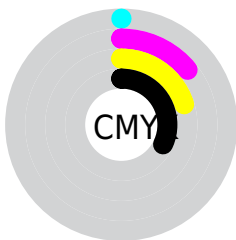
Distribution



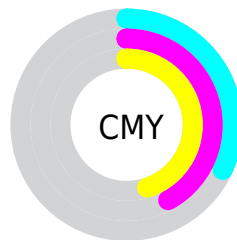
- Red (68%)
- Green (58%)
- Blue (55%)



- Red (68%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8632, 32.3576, 28.9397 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 32.8632, 32.3576, 28.9397 by changing the saturation by 10% instead.


 32.8632, 32.3576,
28.9397


 32.8632, 32.3576,
28.9397


306.7088,
312.7450, 310.9824


 22.1804, 21.6348,
18.7900


 63.5180, 63.3713,
59.0223

 14.1069, 13.5888,
11.3434


 84.2207, 84.4309,
79.7923

 8.2772, 7.8352,
6.1812


 108.9941,
109.7050, 104.9395

 4.3261, 3.9897,
2.8850

138.2035,
139.5778, 134.8825

 1.8882, 1.6678,
1.0362

172.2144,
174.4338, 170.0397

 0.5700, 0.4027,
0.0000

211.3919,

 0.0000, 0.0000,

214.6575, 210.8297

0.0000

256.1016,
260.6331, 257.6711

■ 32.8632, 32.3576,
28.9397

■ 32.8632, 32.3576,
28.9397

■ 29.8295, 28.1653,
22.1473

■ 36.3108, 37.0534,
36.8692

■ 27.1911, 24.4553,
16.4375

■ 40.1850, 42.2644,
45.9828

■ 24.9315, 21.2109,
11.7544

■ 44.5009, 48.0074,
56.3274

■ 23.0323, 18.4133,
8.0359

■ 49.2723, 54.2971,
67.9467

■ 21.4731, 16.0419,
5.2136

■ 54.5123, 61.1476,
80.8822

■ 20.2315, 14.0745,
3.2096

■ 60.2333, 68.5727,
95.1735

■ 19.2819, 12.4867,
1.9325

■ 65.4993, 76.2059,
105.8648

■ 18.5848, 11.2569,
1.1933

■ 69.2025, 83.6124,
107.0992

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



33.8076, 32.3576, 32.4508



32.8632, 32.3576, 28.9397



31.3733, 32.3576, 27.1756

Triad

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



32.8632, 32.3576, 28.9397



27.7956, 32.3576, 33.5017



31.7636, 32.3576, 44.3970

Complementary

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



32.8632, 32.3576, 28.9397



31.5627, 35.0951, 45.1552

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.



30.1447, 32.3576, 44.7412



32.8632, 32.3576, 28.9397



27.8918, 32.3576, 38.1676

Square

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



32.8632, 32.3576, 28.9397



28.4713, 32.3576, 29.6507



28.7388, 32.3576, 42.3759



33.1575, 32.3576, 41.4730

Rectangle

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



32.8632, 32.3576, 28.9397



30.2881, 32.3576, 27.1140



28.7388, 32.3576, 42.3759



31.2265, 32.3576, 44.8272

Sweetspot

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



32.8641, 32.3591, 28.9404



68.5862, 70.8855, 73.2400



33.3969, 30.1477, 39.2207



15.1464, 15.6236, 16.0495



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.8641, 32.3591, 28.9404



57.1493, 55.3073, 46.9362



35.8282, 38.2873, 29.9284



8.1847, 8.3743, 8.3984



13.5245, 8.2545, 0.8805



0.4234, 0.3240, 0.0402

Inverse Universe

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



31.5627, 35.0951, 45.1552



54.3670, 61.1476, 81.5741



28.6569, 29.2835, 44.1866



8.0400, 8.6794, 10.2042



10.8462, 12.8262, 30.9486



0.3453, 0.4439, 0.8755

Previews

White Background



This preview shows how the XYZ color 32.8632, 32.3576, 28.9397 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 XYZ color 32.8632, 32.3576, 28.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

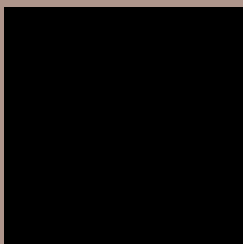
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

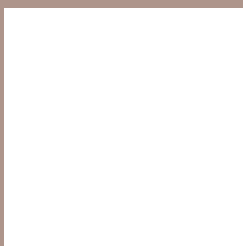
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8632, 32.3576, 28.9397

Background



This preview shows how black text looks on a background with the XYZ color 32.8632, 32.3576, 28.9397.



This preview shows how white text looks on a background with the XYZ color 32.8632, 32.3576,

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

32.8632, 32.3576, 28.9397

Protanopia

30.8605, 32.5079, 29.8474

Deuteranopia

33.0868, 32.4729, 28.9501



Tritanopia

34.3549, 32.2565, 36.7632

Trichromacy



Original Color

32.8632, 32.3576, 28.9397

Protanomaly

31.4789, 32.3493, 29.3959

Deuteranomaly

33.0868, 32.4729, 28.9501

Tritanomaly

33.6988, 32.2158, 33.7203

Monochromacy



Original Color

32.8632, 32.3576, 28.9397

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7163, 32.6338, 33.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8632, 32.3576, 28.9397 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(174, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 139)  
}
```

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(174, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.8632, 32.3576, 28.9397 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(174, 149, 139) }
```


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

```
.border{ border-color:rgb(174, 149, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8632, 32.3576, 28.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 139) }
```

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

```
.background{ background-color: rgb(174,  
149, 139) }
```

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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