

Converting Colors

XYZ(32.8719, 33.6031, 27.3078)

Have a look what the booklet for
XYZ(32.8719, 33.6031, 27.3078)
contains.

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Color

**XYZ(32.8719, 33.6031,
27.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9A86
RGB	172, 154, 134
RGB Percent	67%, 60%, 53%
CMY	0.3255, 0.3961, 0.4745
CMYK	0.00, 0.10, 0.22, 0.33
HSL	32°, 19%, 60%
HSV	32°, 22%, 67%
XYZ	32.8719, 33.6031, 27.3078
YIQ	157.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

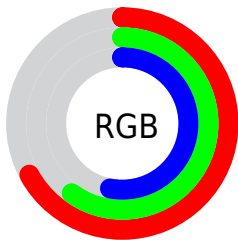
Format	Color
RYB	168, 172, 134
Decimal	11311750
CIELab	64.65, 3.35, 12.92
CIELCh	65, 13.347, 75.451
Yxy	33.6031, 0.3505, 0.3583
Android (android.graphics.Color)	4289501830 (0xFFAC9A86)
YUV	157.1020, -11.3893, 13.0655
Hunter-Lab	57.9682, -0.2227, 12.6472

Details

The XYZ color **32.8719, 33.6031, 27.3078** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5059, 30.5025, 43.4149**, and the grayscale version is **32.1387, 33.8124, 36.8217**.

A 20% lighter version of the original color is **63.5204, 65.1936, 56.2494**, and **14.0582, 14.2625, 10.3995** is the 20% darker color. If you saturate the color by 10%, you get **30.4696, 30.5646, 21.0621**, and if you desaturate by 10%, it is **35.5624, 36.9052, 34.6130**.

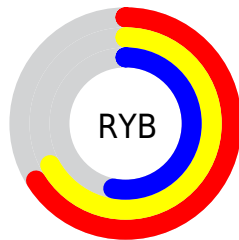
Distribution



Red (67%)

Green (60%)

Blue (53%)



Red (66%)

Yellow (67%)

Blue (53%)

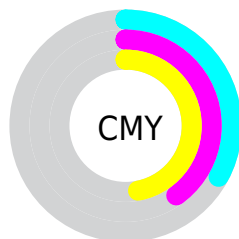


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8719, 33.6031, 27.3078 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 32.8719, 33.6031, 27.3078 by changing the saturation by 10% instead.

■ 32.8719, 33.6031,
27.3078

■ 32.8719, 33.6031,
27.3078

306.7473,
318.3586, 302.9515

■ 22.1871, 22.5889,
17.5700

■ 63.5315, 65.3160,
56.3871

■ 14.1118, 14.2902,
10.4755

■ 84.2370, 86.7834,
76.5658

■ 8.2807, 8.3228,
5.6057

■ 109.0135,
112.5040, 101.0618

■ 4.3284, 4.3022,
2.5419

138.2262,
142.8622, 130.2937

■ 1.8895, 1.8440,
0.8623

172.2406,
178.2424, 164.6802

■ 0.5707, 0.5144,
0.0000

211.4220,

■ 0.0000, 0.0000,

219.0289, 204.6396

0.0000

256.1358,
265.6062, 250.5905

■ 32.8719, 33.6031,
27.3078

■ 32.8719, 33.6031,
27.3078

■ 30.4696, 30.5646,
21.0621

■ 35.5624, 36.9052,
34.6130

■ 28.3417, 27.7778,
15.8236

■ 38.5489, 40.4733,
43.0225

■ 26.4768, 25.2364,
11.5386

■ 41.8423, 44.3157,
52.5810

■ 24.8620, 22.9322,
8.1476

■ 45.4520, 48.4387,
63.3299

■ 23.4828, 20.8560,
5.5844

■ 49.3870, 52.8486,
75.3090

■ 22.3229, 18.9983,
3.7731

■ 53.6560, 57.5514,
88.5557

■ 21.3632, 17.3479,
2.6239

■ 58.2673, 62.5527,
103.1062

■ 20.7155, 16.1750,
2.0303

■ 60.4391, 66.7424,
104.3048

■ 62.6187, 71.1016,
105.0314

Harmonies

Analogous

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



34.5898, 33.6031, 29.5813



32.8719, 33.6031, 27.3078



30.9686, 33.6031, 27.3431

Triad

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



32.8719, 33.6031, 27.3078



28.5223, 33.6031, 39.4674



34.6330, 33.6031, 44.4885

Complementary

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



32.8719, 33.6031, 27.3078



28.5059, 30.5025, 43.4149

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.



32.9289, 33.6031, 47.7122



32.8719, 33.6031, 27.3078



29.4267, 33.6031, 44.6221

Square

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



32.8719, 33.6031, 27.3078



28.5084, 33.6031, 34.0045



31.0234, 33.6031, 47.7635



35.6337, 33.6031, 39.2993

Rectangle

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



32.8719, 33.6031, 27.3078



29.8521, 33.6031, 28.6586



31.0234, 33.6031, 47.7635



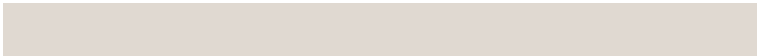
34.1204, 33.6031, 45.8598

Sweetspot

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



32.8728, 33.6046, 27.3085



67.1379, 70.1051, 70.1149



31.2362, 28.1003, 33.6414



14.5242, 15.1560, 15.0509



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.8728, 33.6046, 27.3085



57.2222, 57.9324, 43.1991



35.9303, 39.9255, 28.3674



8.3410, 8.6869, 8.4505



15.4710, 12.1475, 1.5293



0.4847, 0.4465, 0.0606

Inverse Universe

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



28.5059, 30.5025, 43.4149



47.7408, 51.1978, 78.1717



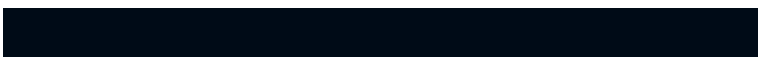
25.9047, 25.1498, 42.5189



7.8800, 8.3593, 10.1509



7.8106, 6.7550, 29.9367



0.2723, 0.2980, 0.8512

Previews

White Background



This preview shows how the XYZ color 32.8719, 33.6031, 27.3078 looks on a white background.

Color Contrast Check

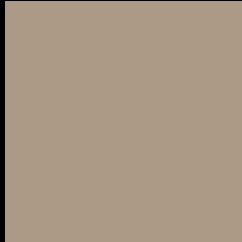
Large Text (above 18pt) WCAG AA × Fail

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 32.8719, 33.6031, 27.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

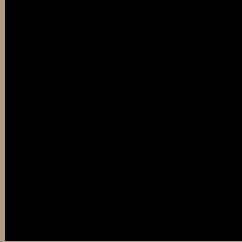
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8719, 33.6031, 27.3078

Background



This preview shows how black text looks on a background with the XYZ color 32.8719, 33.6031, 27.3078.



This preview shows how white text looks on a background with the XYZ color 32.8719, 33.6031,

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

32.8719, 33.6031, 27.3078

Protanopia

31.7787, 33.5255, 27.7178

Deuteranopia

34.2622, 33.5858, 27.5986



Tritanopia

35.1071, 33.5353, 38.8050

Trichromacy



Original Color

32.8719, 33.6031, 27.3078

Protanomaly

32.2430, 33.5168, 27.6917

Deuteranomaly

33.7329, 33.5529, 27.6201

Tritanomaly

34.1897, 33.3989, 34.3504

Monochromacy



Original Color

32.8719, 33.6031, 27.3078

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2136, 33.6282, 33.2268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8719, 33.6031, 27.3078 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(172, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 154, 134)  
}
```

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(172, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 154, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.8719, 33.6031, 27.3078 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(172, 154, 134) }
```


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

```
.border{ border-color:rgb(172, 154, 134) }
```

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

Here you see how a box with a 4 pixel rgb(172, 154, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 154,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8719, 33.6031, 27.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 154, 134) }
```

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

```
.background{ background-color: rgb(172,  
154, 134) }
```

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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