

Converting Colors

XYZ(32.9857, 32.8279, 28.9124)

Have a look what the booklet for
XYZ(32.9857, 32.8279, 28.9124)
contains.

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Color

**XYZ(32.9604, 32.8815,
29.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	AD978B
RGB	173, 151, 139
RGB Percent	68%, 59%, 55%
CMY	0.3216, 0.4078, 0.4549
CMYK	0.00, 0.13, 0.20, 0.32
HSL	21°, 17%, 61%
HSV	21°, 20%, 68%
XYZ	32.9604, 32.8815, 29.0357
YIQ	156.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

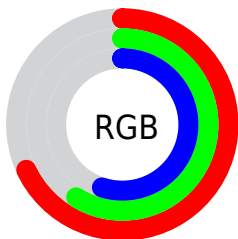
Format	Color
RYB	173, 158, 139
Decimal	11376523
CIELab	64.06, 6.17, 9.31
CIELCh	64, 11.172, 56.451
Yxy	32.8815, 0.3474, 0.3466
Android (android.graphics.Color)	4289566603 (0xFFAD978B)
YUV	156.2100, -8.4845, 14.7248
Hunter-Lab	57.3424, 2.2526, 10.1178

Details

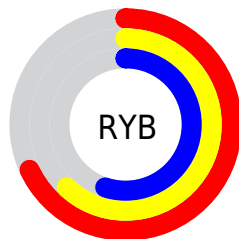
The XYZ color **32.9604, 32.8815, 29.0357** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9350, 33.9952, 44.4667**, and the grayscale version is **31.7258, 33.3780, 36.3487**.

A 20% lighter version of the original color is **63.6588, 64.1264, 58.8916**, and **14.1061, 13.8287, 11.3769** is the 20% darker color. If you saturate the color by 10%, you get **30.0787, 28.9832, 22.3244**, and if you desaturate by 10%, it is **36.2150, 37.2049, 36.8590**.

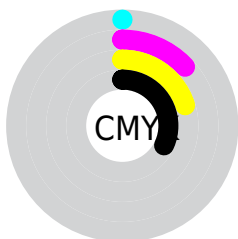
Distribution



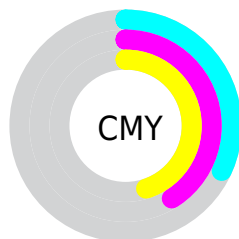
- Red (68%)
- Green (59%)
- Blue (55%)



- Red (68%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9604, 32.8815, 29.0357 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 32.9604, 32.8815, 29.0357 by changing the saturation by 10% instead.


 32.9604, 32.8815,
29.0357


 32.9604, 32.8815,
29.0357


307.1394,
315.1154, 311.4496


 22.2552, 22.0357,
18.8620


 63.6688, 64.1905,
59.1767

 14.1622, 13.8831,
11.3948


 84.4027, 85.4224,
79.9810

 8.3160, 8.0394,
6.2156


 109.2102,
110.8852, 105.1660

 4.3513, 4.1202,
2.9057

138.4567,
140.9632, 135.1502

 1.9027, 1.7410,
1.0467

172.5075,
176.0409, 170.3521

 0.5784, 0.4500,
0.0000

211.7280,

 0.0000, 0.0000,

216.5025, 211.1903

0.0000

256.4835,
262.7326, 258.0833

■ 32.9604, 32.8815,
29.0357

■ 32.9604, 32.8815,
29.0357

■ 30.0787, 28.9832,
22.3244

■ 36.2150, 37.2049,
36.8590

■ 27.5530, 25.4923,
16.6721

■ 39.8532, 41.9614,
45.8398

■ 25.3692, 22.3963,
12.0243

■ 43.8885, 47.1648,
56.0239

■ 23.5111, 19.6803,
8.3210

■ 48.3328, 52.8265,
67.4537

■ 21.9608, 17.3286,
5.4956

■ 53.1977, 58.9576,
80.1696

■ 20.6987, 15.3240,
3.4727

■ 58.4942, 65.5690,
94.2102

■ 19.7021, 13.6477,
2.1639

■ 63.4006, 72.3380,
105.2288

■ 18.9306, 12.2728,
1.3884

■ 66.6044, 78.7457,
106.2968

■ 18.9065, 12.2298,
1.3641

■ 70.0117, 85.5602,
107.4325

Harmonies

Analogous

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



34.0498, 32.8815, 32.0684



32.9604, 32.8815, 29.0357



31.4411, 32.8815, 27.8086

Triad

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



32.9604, 32.8815, 29.0357



28.3204, 32.8815, 35.2670



32.6244, 32.8815, 44.1622

Complementary

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



32.9604, 32.8815, 29.0357



30.9350, 33.9952, 44.4667

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.



31.0654, 32.8815, 45.1976



32.9604, 32.8815, 29.0357



28.6135, 32.8815, 39.8155

Square

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



32.9604, 32.8815, 29.0357



28.7910, 32.8815, 31.2102



29.6054, 32.8815, 43.5462



33.8512, 32.8815, 40.8242

Rectangle

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



32.9604, 32.8815, 29.0357



30.4012, 32.8815, 28.0962



29.6054, 32.8815, 43.5462



32.1203, 32.8815, 44.8026

Sweetspot

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



32.9613, 32.8830, 29.0364



67.0908, 69.5639, 71.4771



32.9084, 29.9267, 37.8068



14.4940, 15.0046, 15.3213



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.



32.9613, 32.8830, 29.0364



56.4895, 55.4695, 46.0299



35.8783, 38.7170, 30.0087



8.2279, 8.4607, 8.4128



13.9390, 9.0834, 1.0186



0.4401, 0.3575, 0.0458

Inverse Universe

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



30.9350, 33.9952, 44.4667



52.1283, 57.8584, 79.2261



28.1791, 28.4834, 43.5481



7.9948, 8.5890, 10.1892



9.8472, 10.8282, 30.6156



0.3228, 0.3990, 0.8680

Previews

White Background



This preview shows how the XYZ color 32.9604, 32.8815, 29.0357 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 32.9604, 32.8815, 29.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

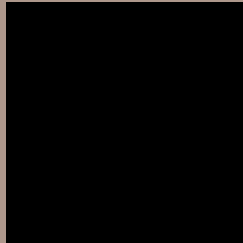
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9604, 32.8815, 29.0357

Background



This preview shows how black text looks on a background with the XYZ color 32.9604, 32.8815, 29.0357.



This preview shows how white text looks on a background with the XYZ color 32.9604, 32.8815,

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

32.9604, 32.8815, 29.0357

Protanopia

31.4294, 33.0472, 29.9215

Deuteranopia

33.4710, 32.9069, 29.0136



Tritanopia

34.8396, 32.9480, 37.7811

Trichromacy



Original Color

32.9604, 32.8815, 29.0357

Protanomaly

32.0151, 33.1116, 29.5148

Deuteranomaly

33.2457, 32.7907, 29.0031

Tritanomaly

34.0941, 32.8759, 34.2545

Monochromacy



Original Color

32.9604, 32.8815, 29.0357

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9609, 32.9946, 33.5382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9604, 32.8815, 29.0357 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(173, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 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(173, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.9604, 32.8815, 29.0357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

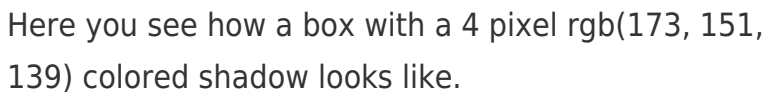
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 151, 139) }
```


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

```
.border{ border-color:rgb(173, 151, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 151, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 151, 139); box-shadow:4px 4px 4px 4px rgb(173, 151, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9604, 32.8815, 29.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 139) }
```

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

```
.background{ background-color: rgb(173,  
151, 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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