

Converting Colors

XYZ(32.9071, 30.4824, 30.1056)

Have a look what the booklet for
XYZ(32.9071, 30.4824, 30.1056)
contains.

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Color

**XYZ(32.8429, 30.4979,
30.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	B28D8F
RGB	178, 141, 143
RGB Percent	70%, 55%, 56%
CMY	0.3020, 0.4470, 0.4392
CMYK	0.00, 0.21, 0.20, 0.30
HSL	357°, 19%, 63%
HSV	357°, 21%, 70%
XYZ	32.8429, 30.4979, 30.1423
YIQ	152.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

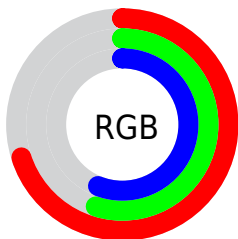
Format	Color
R _Y B	178, 141, 143
Decimal	11701647
CIE Lab	62.08, 14.31, 4.28
CIE LCh	62, 14.930, 16.642
Yxy	30.4979, 0.3513, 0.3262
Android (android.graphics.Color)	4289891727 (0xFFB28D8F)
YUV	152.2910, -4.5805, 22.5468
Hunter-Lab	55.2249, 9.5125, 6.2964

Details

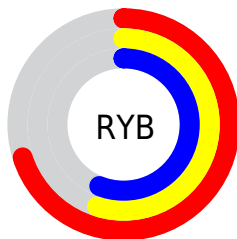
The XYZ color **32.8429, 30.4979, 30.1423** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7426, 40.6388, 47.0892**, and the grayscale version is **29.9841, 31.5456, 34.3532**.

A 20% lighter version of the original color is **63.5248, 60.5539, 61.1633**, and **14.1743, 12.6325, 12.0472** is the 20% darker color. If you saturate the color by 10%, you get **29.2449, 25.1922, 23.1146**, and if you desaturate by 10%, it is **37.0560, 36.7266, 38.3205**.

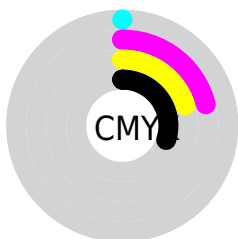
Distribution



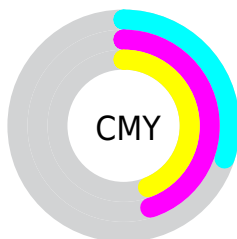
- Red (70%)
- Green (55%)
- Blue (56%)



- Red (70%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (30%)





- Cyan (30%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8429, 30.4979, 30.1423 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 32.8429, 30.4979, 30.1423 by changing the saturation by 10% instead.


 32.8429, 30.4979,
30.1423


 32.8429, 30.4979,
30.1423


306.6188,
304.2184, 316.7951


 22.1648, 20.2168,
19.6937


 63.4865, 60.4487,
60.9508

 14.0953, 12.5527,
11.9907


 84.1827, 80.8872,
82.1478

 8.2691, 7.1213,
6.6149

 108.9490,
105.4803, 107.7645

 4.3209, 3.5381,
3.1477

138.1506,
134.6124, 138.2197

 1.8852, 1.4187,
1.1705

172.1531,
168.6678, 173.9318

 0.5682, 0.2304,
0.0000

211.3217,

 0.0000, 0.0000,

208.0311, 215.3194

0.0000

256.0218,
253.0865, 262.8010

■ 32.8429, 30.4979,
30.1423

■ 32.8429, 30.4979,
30.1423

■ 29.2449, 25.1922,
23.1146

■ 37.0560, 36.7266,
38.3205

■ 26.2308, 20.7618,
17.1841

■ 41.9083, 43.9149,
47.6955

■ 23.7705, 17.1609,
12.2958

■ 47.4258, 52.1024,
58.3135

■ 21.8303, 14.3378,
8.3896

■ 53.6325, 61.3254,
70.2175

■ 20.3727, 12.2351,
5.3990

■ 60.5508, 71.6182,
83.4487

■ 19.3554, 10.7877,
3.2493

■ 68.2024, 83.0137,
98.0463

■ 18.7284, 9.9184,
1.8542

■ 72.1702, 88.2050,
107.8292

■ 18.4128, 9.4861,
1.1364

Harmonies

Analogous

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



32.9051, 30.4979, 35.8256



32.8429, 30.4979, 30.1423



31.7174, 30.4979, 25.8043

Triad

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



32.8429, 30.4979, 30.1423



26.2719, 30.4979, 26.1845



28.1051, 30.4979, 45.1583

Complementary

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



32.8429, 30.4979, 30.1423



34.7426, 40.6388, 47.0892

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.



26.4186, 30.4979, 41.9053



32.8429, 30.4979, 30.1423



25.3936, 30.4979, 30.7193

Square

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



32.8429, 30.4979, 30.1423



27.8965, 30.4979, 23.7063



25.4460, 30.4979, 36.4728



30.1063, 30.4979, 44.9574

Rectangle

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



32.8429, 30.4979, 30.1423



30.5439, 30.4979, 24.0617



25.4460, 30.4979, 36.4728



27.4845, 30.4979, 44.4178

Sweetspot

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



32.8437, 30.4993, 30.1429



71.1695, 72.4809, 77.1731



35.3608, 31.4413, 46.3248



15.6437, 15.8746, 16.8582



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.8437, 30.4993, 30.1429



56.3909, 50.6318, 48.4838



35.2313, 35.5144, 30.1991



8.5143, 8.5125, 8.9409



13.1821, 6.7904, 0.8530



0.4209, 0.2161, 0.0590

Inverse Universe

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



32.8437, 30.4993, 30.1429



56.3909, 50.6318, 48.4838



31.9360, 34.7072, 47.1357



8.5143, 8.5125, 8.9409



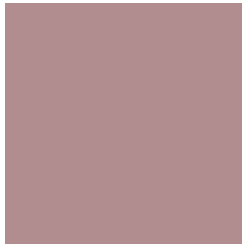
13.1821, 6.7904, 0.8530



0.4209, 0.2161, 0.0590

Previews

White Background



This preview shows how the XYZ color 32.8429, 30.4979, 30.1423 looks on a white background.

Color Contrast Check

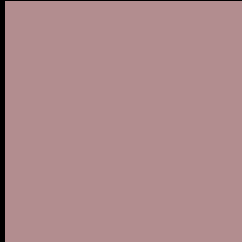
Large Text (above 18pt) WCAG AA × Fail

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 32.8429, 30.4979, 30.1423 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 32.8429, 30.4979, 30.1423

Background



This preview shows how black text looks on a background with the XYZ color 32.8429, 30.4979, 30.1423.



This preview shows how white text looks on a background with the XYZ color 32.8429, 30.4979,

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

32.8429, 30.4979, 30.1423

Protanopia

29.3885, 30.7231, 32.3982

Deuteranopia

31.1563, 30.5286, 29.8417



Tritanopia

33.5544, 30.5742, 33.4111

Trichromacy



Original Color

32.8429, 30.4979, 30.1423

Protanomaly

30.5223, 30.6241, 31.4965

Deuteranomaly

31.8690, 30.6702, 29.8314

Tritanomaly

33.3138, 30.4780, 32.1440

Monochromacy



Original Color

32.8429, 30.4979, 30.1423

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.7127, 30.9268, 32.7845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8429, 30.4979, 30.1423 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(178, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 143)  
}
```

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(178, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 143) }
```

Border

The CSS property to change the border of an element to XYZ 32.8429, 30.4979, 30.1423 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(178, 141, 143) }
```


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

```
.border{ border-color:rgb(178, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 141,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8429, 30.4979, 30.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 143) }
```

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

```
.background{ background-color: rgb(178,  
141, 143) }
```

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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