

Converting Colors

XYZ(29.9789, 29.0049, 28.7610)

Have a look what the booklet for
XYZ(29.9789, 29.0049, 28.7610)
contains.

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Color

**XYZ(29.9844, 29.0502,
28.8378)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A68D8C |
| RGB | 166, 141, 140 |
| RGB Percent | 65%, 55%, 55% |
| CMY | 0.3490, 0.4470, 0.4510 |
| CMYK | 0.00, 0.15, 0.16, 0.35 |
| HSL | 2°, 13%, 60% |
| HSV | 2°, 16%, 65% |
| XYZ | 29.9844, 29.0502, 28.8378 |
| YIQ | 148.3610, 15.2210, 4.9890 |

Conversions

Conversions Part 2

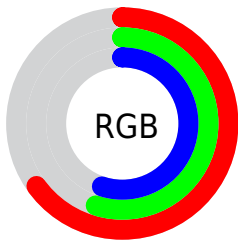
| Format | Color |
|-------------------------------------|---|
| RYB | 166, 141, 140 |
| Decimal | 10915212 |
| CIELab | 60.83, 9.23, 4.02 |
| CIELCh | 61, 10.065, 23.538 |
| Yxy | 29.0502, 0.3412, 0.3306 |
| Android (android.graphics.Color) | 4289105292 (0xFFA68D8C) |
| YUV | 148.3610, -4.1220, 15.4694 |
| Hunter-Lab | 53.8982, 4.9803, 6.0061 |

Details

The XYZ color **29.9844, 29.0502, 28.8378** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.1531, 35.2381, 41.2364**, and the grayscale version is **28.3120, 29.7864, 32.4374**.

A 20% lighter version of the original color is **58.9595, 58.2526, 58.5885**, and **12.5260, 11.7978, 11.2899** is the 20% darker color. If you saturate the color by 10%, you get **26.6656, 24.2257, 22.1413**, and if you desaturate by 10%, it is **33.8286, 34.6294, 36.6212**.

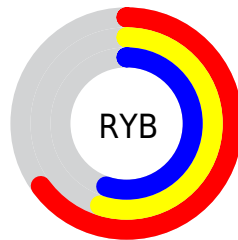
Distribution



Red (65%)

Green (55%)

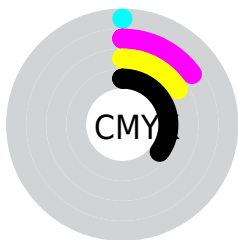
Blue (55%)



Red (65%)

Yellow (55%)

Blue (55%)

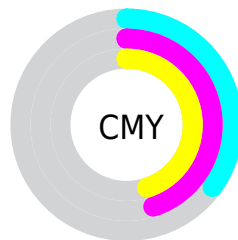


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9844, 29.0502, 28.8378 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 29.9844, 29.0502, 28.8378 by changing the saturation by 10% instead.

■ 29.9844, 29.0502,
28.8378

■ 29.9844, 29.0502,
28.8378

293.7429,
297.4517, 310.4858

■ 19.9748, 19.1188,
18.7136

■ 59.0243, 58.1568,
58.8584

■ 12.4849, 11.7562,
11.2888

■ 78.7853, 78.1009,
79.5919

■ 7.1493, 6.5779,
6.1448

■ 102.5274,
102.1512, 104.6989

■ 3.6028, 3.1995,
2.8631

130.6161,
130.6923, 134.5980

■ 1.4800, 1.2368,
1.0252

163.4166,
164.1085, 169.7077

■ 0.3122, 0.0914,
0.0000

201.2943,

■ 0.0000, 0.0000,

202.7842, 210.4465

0.0000

244.6146,
247.1038, 257.2331

■ 29.9844, 29.0502,
28.8378

■ 29.9844, 29.0502,
28.8378

■ 26.6656, 24.2257,
22.1413

■ 33.8286, 34.6294,
36.6212

■ 23.8471, 20.1198,
16.4817

■ 38.2172, 40.9897,
45.5348

■ 21.5054, 16.6994,
11.8076

■ 43.1710, 48.1609,
55.6219

■ 19.6141, 13.9271,
8.0627

■ 48.7091, 56.1701,
66.9231

■ 18.1443, 11.7620,
5.1850

■ 54.8497, 65.0432,
79.4767

■ 17.0637, 10.1587,
3.1048

■ 61.6102, 74.8051,
93.3195

■ 16.3353, 9.0651,
1.7421

■ 68.8133, 85.4017,
107.4651

■ 15.9136, 8.4191,
0.9931

■ 69.5360, 86.8471,
107.7060

■ 15.7955, 8.2461,
0.7591

Harmonies

Analogous

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



30.1893, 29.0502, 32.4492



29.9844, 29.0502, 28.8378



29.1347, 29.0502, 26.1790

Triad

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



29.9844, 29.0502, 28.8378



25.6357, 29.0502, 27.5363



27.3290, 29.0502, 39.3497

Complementary

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



29.9844, 29.0502, 28.8378



31.1531, 35.2381, 41.2364

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.



26.1420, 29.0502, 37.7911



29.9844, 29.0502, 28.8378



25.1845, 29.0502, 30.8261

Square

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



29.9844, 29.0502, 28.8378



26.6181, 29.0502, 25.4702



25.3669, 29.0502, 34.5984



28.6290, 29.0502, 38.7123

Rectangle

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



29.9844, 29.0502, 28.8378



28.3310, 29.0502, 25.2077



25.3669, 29.0502, 34.5984



26.9040, 29.0502, 39.0615

Sweetspot

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



29.9852, 29.0515, 28.8384



61.8220, 63.4674, 67.3289



31.9080, 29.5850, 39.6900



13.7213, 14.0385, 14.8372



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.9852, 29.0515, 28.8384



52.0878, 49.3371, 47.6280



31.9935, 33.0680, 29.5078



7.5535, 7.5870, 7.8556



12.2566, 6.4105, 0.5913



0.3052, 0.1700, 0.0167

Inverse Universe

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



31.1531, 35.2381, 41.2364



54.6402, 62.8594, 74.7285



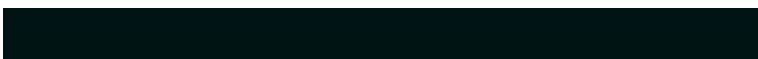
28.9484, 30.8288, 40.5015



7.7224, 8.4817, 9.6485



15.0392, 21.5386, 31.3402



0.3732, 0.5387, 0.7650

Previews

White Background



This preview shows how the XYZ color 29.9844, 29.0502, 28.8378 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 29.9844, 29.0502, 28.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

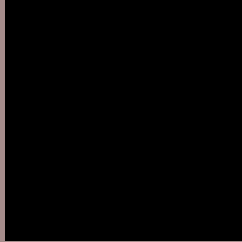
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9844, 29.0502, 28.8378

Background



This preview shows how black text looks on a background with the XYZ color 29.9844, 29.0502, 28.8378.



This preview shows how white text looks on a background with the XYZ color 29.9844, 29.0502,

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

29.9844, 29.0502, 28.8378

Protanopia

27.8145, 29.0250, 30.1230

Deuteranopia

29.7165, 29.1320, 28.8677



Tritanopia

30.6740, 28.8827, 32.8124

Trichromacy



Original Color

29.9844, 29.0502, 28.8378

Protanomaly

28.5660, 28.9674, 29.6769

Deuteranomaly

29.9237, 29.2388, 28.8774

Tritanomaly

30.5027, 29.0470, 31.1931

Monochromacy



Original Color

29.9844, 29.0502, 28.8378

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7538, 29.2637, 30.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9844, 29.0502, 28.8378 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(166, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 140)  
}
```

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(166, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.9844, 29.0502, 28.8378 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(166, 141, 140) }
```


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

```
.border{ border-color:rgb(166, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9844, 29.0502, 28.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 140) }
```

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

```
.background{ background-color: rgb(166,  
141, 140) }
```

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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