

Converting Colors

XYZ(29.9119, 28.8902, 26.7238)

Have a look what the booklet for
XYZ(29.9119, 28.8902, 26.7238)
contains.

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Color

**XYZ(29.8296, 28.8022,
26.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	A88C86
RGB	168, 140, 134
RGB Percent	66%, 55%, 53%
CMY	0.3412, 0.4510, 0.4745
CMYK	0.00, 0.17, 0.20, 0.34
HSL	11°, 16%, 59%
HSV	11°, 20%, 66%
XYZ	29.8296, 28.8022, 26.5415
YIQ	147.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

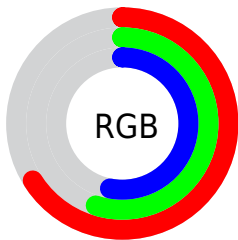
Format	Color
R _Y B	168, 141, 134
Decimal	11046022
CIE Lab	60.61, 9.59, 7.15
CIE LCh	61, 11.956, 36.701
Yxy	28.8022, 0.3502, 0.3382
Android (android.graphics.Color)	4289236102 (0xFFA88C86)
YUV	147.6880, -6.7482, 17.8136
Hunter-Lab	53.6677, 5.2955, 8.2453

Details

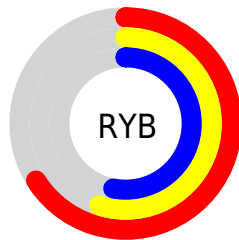
The XYZ color **29.8296, 28.8022, 26.5415** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8195, 33.7354, 41.9859**, and the grayscale version is **28.0408, 29.5011, 32.1267**.

A 20% lighter version of the original color is **59.0019, 58.0187, 55.1027**, and **12.3266, 11.5973, 9.9763** is the 20% darker color. If you saturate the color by 10%, you get **26.8539, 24.5793, 20.2206**, and if you desaturate by 10%, it is **33.2472, 33.6105, 33.9288**.

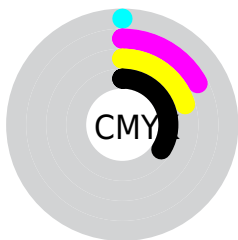
Distribution



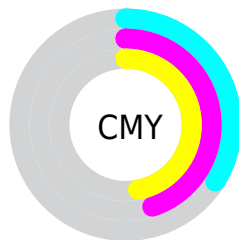
- Red (66%)
- Green (55%)
- Blue (53%)



- Red (66%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8296, 28.8022, 26.5415 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 29.8296, 28.8022, 26.5415 by changing the saturation by 10% instead.

■ 29.8296, 28.8022,
26.5415

■ 29.8296, 28.8022,
26.5415

293.0335,
296.2805, 299.1199

■ 19.8567, 18.9312,
16.9998

■ 58.7811, 57.7627,
55.1420

■ 12.3986, 11.6206,
10.0724

■ 78.4904, 77.6210,
75.0379

■ 7.0899, 6.4859,
5.3407

■ 102.1759,
101.5772, 99.2222

■ 3.5652, 3.1427,
2.3863

130.2029,
130.0157, 128.1136

■ 1.4592, 1.2067,
0.7790

162.9368,
163.3209, 162.1305

■ 0.2978, 0.0672,
0.0000

200.7430,

■ 0.0000, 0.0000,

201.8771, 201.6915

0.0000

243.9867,
246.0689, 247.2151

■ 29.8296, 28.8022,
26.5415

■ 29.8296, 28.8022,
26.5415

■ 26.8539, 24.5793,
20.2206

■ 33.2472, 33.6105,
33.9288

■ 24.2996, 20.9155,
14.9150

■ 37.1214, 39.0214,
42.4267

■ 22.1480, 17.7885,
10.5720

■ 41.4693, 45.0562,
52.0793

■ 20.3782, 15.1727,
7.1335

■ 46.3061, 51.7339,
62.9277

■ 18.9670, 13.0407,
4.5352

■ 51.6466, 59.0729,
75.0108

■ 17.8891, 11.3622,
2.7039

■ 57.5048, 67.0907,
88.3659

■ 17.1151, 10.1034,
1.5542

■ 63.8943, 75.8042,
103.0288

■ 16.6043, 9.2364,
0.9077

■ 68.5942, 84.3362,
107.2710

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



30.4363, 28.8022, 30.3774



29.8296, 28.8022, 26.5415



28.5687, 28.8022, 24.1713

Triad

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



29.8296, 28.8022, 26.5415



24.7344, 28.8022, 28.1115



27.7241, 28.8022, 40.6017

Complementary

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



29.8296, 28.8022, 26.5415



29.8195, 33.7354, 41.9859

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.



26.2163, 28.8022, 39.8506



29.8296, 28.8022, 26.5415



24.5273, 28.8022, 32.3650

Square

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



29.8296, 28.8022, 26.5415



25.6367, 28.8022, 25.0164



25.0601, 28.8022, 36.7306



29.1915, 28.8022, 38.6961

Rectangle

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



29.8296, 28.8022, 26.5415



27.5471, 28.8022, 23.6039



25.0601, 28.8022, 36.7306



27.2049, 28.8022, 40.6541

Sweetspot

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



29.8304, 28.8035, 26.5421



63.1311, 64.9087, 67.6843



31.2251, 27.9959, 38.0963



13.6671, 14.0176, 14.5491



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.



29.8304, 28.8035, 26.5421



51.7658, 48.9196, 43.1126



32.4525, 34.0477, 27.4161



7.6343, 7.7486, 7.8825



12.5666, 7.0304, 0.6947



0.3358, 0.2311, 0.0269

Inverse Universe

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



29.8195, 33.7354, 41.9859



51.7404, 59.4065, 75.9647



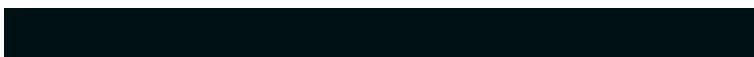
27.0762, 28.2487, 41.0715



7.6332, 8.3034, 9.6187



12.2708, 16.0017, 30.4174



0.3272, 0.4466, 0.7496

Previews

White Background



This preview shows how the XYZ color 29.8296, 28.8022, 26.5415 looks on a white background.

Color Contrast Check

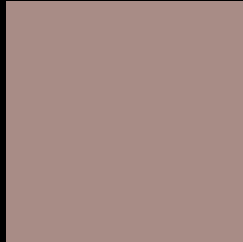
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8296, 28.8022, 26.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

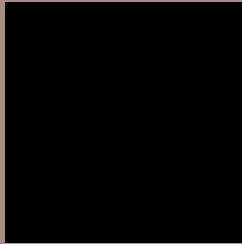
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8296, 28.8022, 26.5415

Background



This preview shows how black text looks on a background with the XYZ color 29.8296, 28.8022, 26.5415.



This preview shows how white text looks on a background with the XYZ color 29.8296, 28.8022,

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

29.8296, 28.8022, 26.5415

Protanopia

27.5567, 28.9432, 27.8011

Deuteranopia

29.3450, 28.7703, 26.5608



Tritanopia

31.0909, 28.8929, 32.3720

Trichromacy



Original Color

29.8296, 28.8022, 26.5415

Protanomaly

28.3218, 28.8922, 27.3766

Deuteranomaly

29.5538, 28.8780, 26.5706

Tritanomaly

30.6288, 28.9139, 30.3522

Monochromacy



Original Color

29.8296, 28.8022, 26.5415

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6009, 29.2025, 30.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8296, 28.8022, 26.5415 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(168, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 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(168, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.8296, 28.8022, 26.5415 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(168, 140, 134) }
```


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

```
.border{ border-color:rgb(168, 140, 134) }
```

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

Here you see how a box with a 4 pixel rgb(168, 140, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 140,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8296, 28.8022, 26.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 134) }
```

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

```
.background{ background-color: rgb(168,  
140, 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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