

Converting Colors

XYZ(29.0544, 27.0469, 29.2216)

Have a look what the booklet for
XYZ(29.0544, 27.0469, 29.2216)
contains.

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Color

**XYZ(29.1335, 27.1102,
29.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	A6868E
RGB	166, 134, 142
RGB Percent	65%, 53%, 56%
CMY	0.3490, 0.4745, 0.4431
CMYK	0.00, 0.19, 0.14, 0.35
HSL	345°, 15%, 59%
HSV	345°, 19%, 65%
XYZ	29.1335, 27.1102, 29.2885
YIQ	144.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

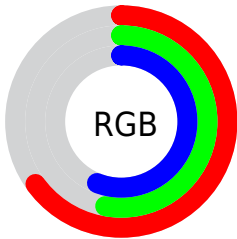
Format	Color
R _Y B	166, 134, 142
Decimal	10913422
CIE Lab	59.08, 13.52, 0.34
CIE LCh	59, 13.523, 1.428
Yxy	27.1102, 0.3406, 0.3170
Android (android.graphics.Color)	4289103502 (0xFFA6868E)
YUV	144.4800, -1.2226, 18.8730
Hunter-Lab	52.0675, 8.7587, 3.0960

Details

The XYZ color **29.1335, 27.1102, 29.2885** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6404, 34.8101, 37.5063**, and the grayscale version is **26.7037, 28.0943, 30.5947**.

A 20% lighter version of the original color is **57.5529, 54.8983, 59.7876**, and **12.0415, 10.6908, 11.5541** is the 20% darker color. If you saturate the color by 10%, you get **26.1336, 22.5236, 23.9311**, and if you desaturate by 10%, it is **32.5995, 32.4613, 35.3172**.

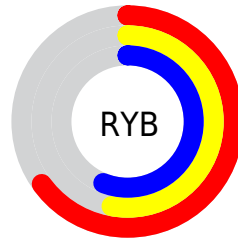
Distribution



Red (65%)

Green (53%)

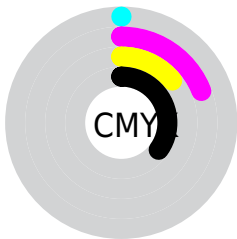
Blue (56%)



Red (65%)

Yellow (53%)

Blue (56%)

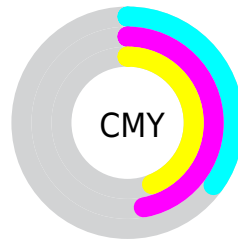


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1335, 27.1102, 29.2885 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 29.1335, 27.1102, 29.2885 by changing the saturation by 10% instead.

■ 29.1335, 27.1102,
29.2885

■ 29.1335, 27.1102,
29.2885

289.8272,
288.1903, 312.6772

■ 19.3266, 17.6560,
19.0517

■ 57.6852, 55.0607,
59.5828

■ 12.0119, 10.7033,
11.5305

■ 77.1608, 74.3257,
80.4774

■ 6.8241, 5.8677,
6.3062

■ 100.5899, 97.6298,
105.7616

■ 3.3977, 2.7648,
2.9604

128.3380,
125.3574, 135.8541

■ 1.3674, 1.0102,
1.0744

160.7705,
157.8928, 171.1734

■ 0.2328, 0.0000,
0.0000

198.2526,

■ 0.0000, 0.0000,

195.6205, 212.1380

0.0000

241.1497,
238.9249, 259.1664

■ 29.1335, 27.1102,
29.2885

■ 29.1335, 27.1102,
29.2885

■ 26.1336, 22.5236,
23.9311

■ 32.5995, 32.4613,
35.3172

■ 23.5774, 18.6631,
19.2197

■ 36.5483, 38.6058,
42.0378

■ 21.4439, 15.4921,
15.1298

■ 40.9985, 45.5758,
49.4723

■ 19.7096, 12.9697,
11.6348

■ 45.9670, 53.4004,
57.6411

■ 18.3486, 11.0505,
8.7060

■ 51.4700, 62.1071,
66.5637

■ 17.3316, 9.6831,
6.3121

■ 57.5229, 71.7224,
76.2589

■ 16.6250, 8.8077,
4.4185

■ 64.1404, 82.2716,
86.7450

■ 16.1641, 8.3032,
2.9781

■ 67.4546, 86.0145,
96.7454

■ 16.1349, 8.2706,
2.8888

■ 69.3854, 86.7868,
106.9125

Harmonies

Analogous

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



28.7097, 27.1102, 34.1678



29.1335, 27.1102, 29.2885



28.6233, 27.1102, 24.9526

Triad

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



29.1335, 27.1102, 29.2885



24.1195, 27.1102, 22.3071



24.2532, 27.1102, 38.4112

Complementary

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



29.1335, 27.1102, 29.2885



29.6404, 34.8101, 37.5063

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.



23.1081, 27.1102, 34.6098



29.1335, 27.1102, 29.2885



23.0334, 27.1102, 25.3112

Square

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



29.1335, 27.1102, 29.2885



25.6870, 27.1102, 21.2022



22.6712, 27.1102, 29.7495



25.8480, 27.1102, 39.7663

Rectangle

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



29.1335, 27.1102, 29.2885



27.8345, 27.1102, 22.8602



22.6712, 27.1102, 29.7495



23.8054, 27.1102, 37.3581

Sweetspot

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



29.1343, 27.1114, 29.2891



61.3352, 62.2828, 67.8176



29.5095, 27.0738, 39.7472



13.6291, 13.7876, 15.0111



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.



29.1343, 27.1114, 29.2891



50.5138, 45.5825, 48.9734



29.7029, 29.1754, 26.6217



7.6052, 7.5719, 8.2380



12.5280, 6.4199, 2.3262



0.3246, 0.1641, 0.1610

Inverse Universe

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



29.1343, 27.1114, 29.2891



50.5138, 45.5825, 48.9734



28.9423, 32.2761, 40.7812



7.6052, 7.5719, 8.2380



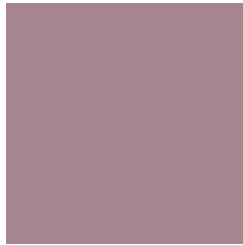
12.5280, 6.4199, 2.3262



0.3246, 0.1641, 0.1610

Previews

White Background



This preview shows how the XYZ color 29.1335, 27.1102, 29.2885 looks on a white background.

Color Contrast Check

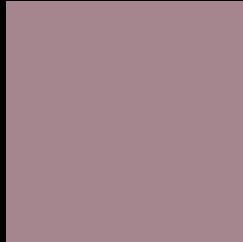
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1335, 27.1102, 29.2885 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

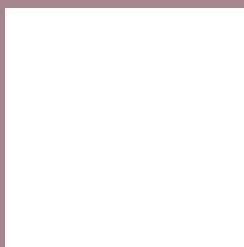
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1335, 27.1102, 29.2885

Background



This preview shows how black text looks on a background with the XYZ color 29.1335, 27.1102, 29.2885.



This preview shows how white text looks on a background with the XYZ color 29.1335, 27.1102,

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

29.1335, 27.1102, 29.2885

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.6065, 27.1680, 28.9882



Tritanopia

29.2850, 27.1708, 30.0866

Trichromacy



Original Color

29.1335, 27.1102, 29.2885

Protanomaly

27.2923, 27.1850, 30.5968

Deuteranomaly

28.2506, 27.2880, 28.9774

Tritanomaly

29.2089, 27.1404, 29.6857

Monochromacy



Original Color

29.1335, 27.1102, 29.2885

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2849, 27.4147, 29.8401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1335, 27.1102, 29.2885 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, 134, 142)` looks like.

```
.text, #text, p{  
    color:rgb(166, 134, 142)  
}
```

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, 134, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 134, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.1335, 27.1102, 29.2885 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, 134, 142) }
```


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

```
.border{ border-color:rgb(166, 134, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 134, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(166, 134,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1335, 27.1102, 29.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 134, 142) }
```

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

```
.background{ background-color: rgb(166,  
134, 142) }
```

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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