

Converting Colors

XYZ(28.8857, 26.7260, 29.2086)

Have a look what the booklet for
XYZ(28.8857, 26.7260, 29.2086)
contains.

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Color

**XYZ(28.9959, 26.8350,
29.2426)**

Conversions

Conversions Part 1

Format	Color
Hex	A6858E
RGB	166, 133, 142
RGB Percent	65%, 52%, 56%
CMY	0.3490, 0.4784, 0.4431
CMYK	0.00, 0.20, 0.14, 0.35
HSL	344°, 16%, 59%
HSV	344°, 20%, 65%
XYZ	28.9959, 26.8350, 29.2426
YIQ	143.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

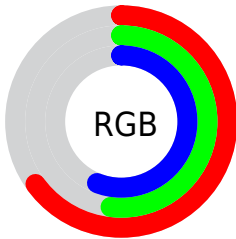
Format	Color
R _Y B	166, 133, 142
Decimal	10913166
CIE Lab	58.82, 14.09, -0.04
CIE LCh	59, 14.086, 359.857
Yxy	26.8350, 0.3408, 0.3154
Android (android.graphics.Color)	4289103246 (0xFFA6858E)
YUV	143.8930, -0.9332, 19.3878
Hunter-Lab	51.8025, 9.2591, 2.7925

Details

The XYZ color **28.9959, 26.8350, 29.2426** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3960, 34.6940, 37.0472**, and the grayscale version is **26.4657, 27.8440, 30.3221**.

A 20% lighter version of the original color is **57.3415, 54.4755, 59.7171**, and **11.9645, 10.5366, 11.5284** is the 20% darker color. If you saturate the color by 10%, you get **26.0425, 22.3009, 24.0254**, and if you desaturate by 10%, it is **32.4083, 32.1292, 35.0980**.

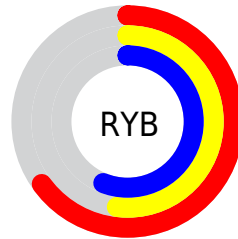
Distribution



Red (65%)

Green (52%)

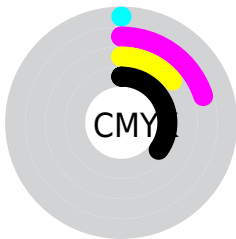
Blue (56%)



Red (65%)

Yellow (52%)

Blue (56%)

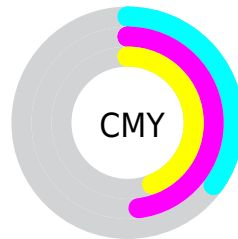


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9959, 26.8350, 29.2426 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 28.9959, 26.8350, 29.2426 by changing the saturation by 10% instead.

 28.9959, 26.8350,
29.2426


 28.9959, 26.8350,
29.2426


289.1902,
286.8573, 312.4546


 19.2220, 17.4493,
19.0173


 57.4682, 54.6190,
59.5091

 11.9357, 10.5554,
11.5058


 76.8972, 73.7861,
80.3873

 6.7718, 5.7687,
6.2897


 100.2754, 96.9825,
105.6536

 3.3649, 2.7050,
2.9504

127.9680,
124.5925, 135.7265

 1.3495, 0.9797,
1.0694

160.3405,
157.0007, 171.0244

 0.2198, 0.0000,
0.0000

197.7581,

 0.0000, 0.0000,

194.5912, 211.9661

0.0000

240.5862,
237.7487, 258.9700

■ 28.9959, 26.8350,
29.2426

■ 28.9959, 26.8350,
29.2426

■ 26.0425, 22.3009,
24.0254

■ 32.4083, 32.1292,
35.0980

■ 23.5257, 18.4883,
19.4225

■ 36.2960, 38.2124,
41.6106

■ 21.4250, 15.3608,
15.4113

■ 40.6774, 45.1166,
48.8011

■ 19.7169, 12.8773,
11.9669

■ 45.5693, 52.8708,
56.6885

■ 18.3758, 10.9922,
9.0626

■ 50.9876, 61.5028,
65.2910

■ 17.3727, 9.6539,
6.6692

■ 56.9475, 71.0389,
74.6264

■ 16.6741, 8.8022,
4.7547

■ 63.4636, 81.5043,
84.7116

■ 16.2098, 8.3041,
3.2727

■ 67.0058, 85.8350,
94.3816

■ 16.2048, 8.2986,
3.2569

■ 68.8459, 86.5710,
104.0718

Harmonies

Analogous

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



28.5064, 26.8350, 34.2933



28.9959, 26.8350, 29.2426



28.5154, 26.8350, 24.7082

Triad

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



28.9959, 26.8350, 29.2426



23.8780, 26.8350, 21.6793



23.8642, 26.8350, 38.3018

Complementary

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



28.9959, 26.8350, 29.2426



29.3960, 34.6940, 37.0472

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.



22.7159, 26.8350, 34.2474



28.9959, 26.8350, 29.2426



22.7236, 26.8350, 24.6713

Square

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



28.9959, 26.8350, 29.2426



25.5142, 26.8350, 20.6547



22.3077, 26.8350, 29.1949



25.4975, 26.8350, 39.8729

Rectangle

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



28.9959, 26.8350, 29.2426



27.7216, 26.8350, 22.4959



22.3077, 26.8350, 29.1949



23.4114, 26.8350, 37.1630

Sweetspot

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



28.9967, 26.8362, 29.2432



61.3714, 62.2973, 68.0081



29.1078, 26.6624, 39.6890



13.6379, 13.7912, 15.0578



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.



28.9967, 26.8362, 29.2432



50.0755, 44.7776, 48.6059



29.3604, 28.6016, 26.1649



7.6120, 7.5747, 8.2741



12.5832, 6.4420, 2.6170



0.3272, 0.1651, 0.1744

Inverse Universe

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



28.9967, 26.8362, 29.2432



50.0755, 44.7776, 48.6059



28.9291, 32.4853, 40.8223



7.6120, 7.5747, 8.2741



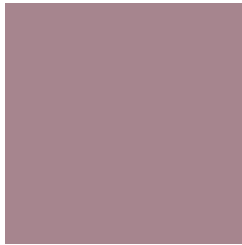
12.5832, 6.4420, 2.6170



0.3272, 0.1651, 0.1744

Previews

White Background



This preview shows how the XYZ color 28.9959, 26.8350, 29.2426 looks on a white background.

Color Contrast Check

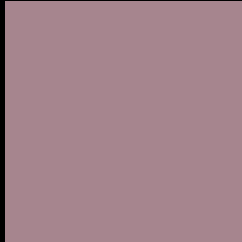
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9959, 26.8350, 29.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

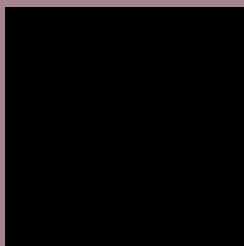
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9959, 26.8350, 29.2426

Background



This preview shows how black text looks on a background with the XYZ color 28.9959, 26.8350, 29.2426.



This preview shows how white text looks on a background with the XYZ color 28.9959, 26.8350,

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

28.9959, 26.8350, 29.2426

Protanopia

26.1190, 26.9960, 31.4379

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

29.0713, 26.8652, 29.6399

Trichromacy



Original Color

28.9959, 26.8350, 29.2426

Protanomaly

26.9618, 26.8006, 30.5401

Deuteranomaly

27.9100, 26.9023, 28.9210

Tritanomaly

29.0713, 26.8652, 29.6399

Monochromacy



Original Color

28.9959, 26.8350, 29.2426

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 28.9959, 26.8350, 29.2426 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, 133, 142)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 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, 133, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 142) }
```

Border

The CSS property to change the border of an element to XYZ 28.9959, 26.8350, 29.2426 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, 133, 142) }
```


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

```
.border{ border-color:rgb(166, 133, 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, 133, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 142);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9959, 26.8350, 29.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 142) }
```

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

```
.background{ background-color: rgb(166,  
133, 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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