

Converting Colors

XYZ(29.1681, 25.8501, 28.3600)

Have a look what the booklet for
XYZ(29.1681, 25.8501, 28.3600)
contains.

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Color

**XYZ(29.2474, 25.9897,
28.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	AB808C
RGB	171, 128, 140
RGB Percent	67%, 50%, 55%
CMY	0.3294, 0.4980, 0.4510
CMYK	0.00, 0.25, 0.18, 0.33
HSL	343°, 20%, 59%
HSV	343°, 25%, 67%
XYZ	29.2474, 25.9897, 28.2860
YIQ	142.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

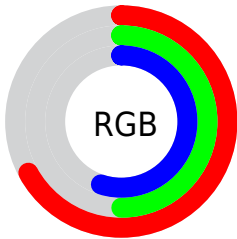
Format	Color
R_{YB}	171, 128, 140
Decimal	11239564
CIE _{Lab}	58.03, 18.48, 0.02
CIE _{LCh}	58, 18.478, 0.058
Yxy	25.9897, 0.3502, 0.3112
Android (android.graphics.Color)	4289429644 (0xFFAB808C)
YUV	142.2250, -1.0969, 25.2357
Hunter-Lab	50.9801, 13.1907, 2.7894

Details

The XYZ color **29.2474, 25.9897, 28.2860** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7241, 36.2189, 38.2269**, and the grayscale version is **25.7990, 27.1425, 29.5582**.

A 20% lighter version of the original color is **57.8281, 53.2289, 57.6784**, and **12.0411, 10.0385, 10.9759** is the 20% darker color. If you saturate the color by 10%, you get **26.3434, 21.5558, 23.0814**, and if you desaturate by 10%, it is **32.6306, 31.2185, 34.1535**.

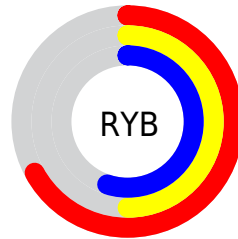
Distribution



Red (67%)

Green (50%)

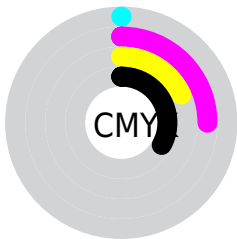
Blue (55%)



Red (67%)

Yellow (50%)

Blue (55%)

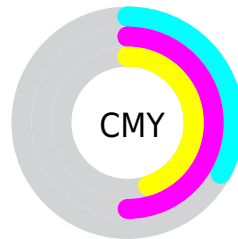


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2474, 25.9897, 28.2860 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 29.2474, 25.9897, 28.2860 by changing the saturation by 10% instead.

■ 29.2474, 25.9897,
28.2860

■ 29.2474, 25.9897,
28.2860

290.3537,
282.7315, 307.7858

■ 19.4133, 16.8159,
18.3004

■ 57.8648, 53.2583,
57.9693

■ 12.0751, 10.1033,
10.9942

■ 77.3787, 72.1220,
78.5042

■ 6.8674, 5.4675,
5.9488

■ 100.8500, 94.9844,
103.3925

■ 3.4249, 2.5241,
2.7457

128.6440,
122.2299, 133.0529

■ 1.3822, 0.8887,
0.9663

161.1259,
154.2430, 167.9039

■ 0.2435, 0.0000,
0.0000

198.6613,

■ 0.0000, 0.0000,

191.4081, 208.3640

0.0000

241.6154,
234.1094, 254.8518

■ 29.2474, 25.9897,
28.2860

■ 29.2474, 25.9897,
28.2860

■ 26.3434, 21.5558,
23.0814

■ 32.6306, 31.2185,
34.1535

■ 23.8943, 17.8743,
18.5142

■ 36.5115, 37.2749,
40.7050

■ 21.8768, 14.9040,
14.5595

■ 40.9104, 44.1941,
47.9625

■ 20.2647, 12.5983,
11.1903

■ 45.8457, 52.0084,
55.9466

■ 19.0287, 10.9051,
8.3770

■ 51.3347, 60.7481,
64.6769

■ 18.1353, 9.7643,
6.0875

■ 57.3943, 70.4424,
74.1725

■ 17.5437, 9.1018,
4.2853

■ 64.0404, 81.1189,
84.4516

■ 17.3223, 8.8690,
3.5642

■ 68.0803, 86.3882,
94.4625

■ 69.9610, 87.1405,
104.3663

Harmonies

Analogous

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



28.6110, 25.9897, 34.8871



29.2474, 25.9897, 28.2860



28.6062, 25.9897, 22.5778

Triad

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



29.2474, 25.9897, 28.2860



22.6146, 25.9897, 18.9377



22.6217, 25.9897, 40.3408

Complementary

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



29.2474, 25.9897, 28.2860



29.7241, 36.2189, 38.2269

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.



21.1710, 25.9897, 34.9117



29.2474, 25.9897, 28.2860



21.1671, 25.9897, 22.5962

Square

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



29.2474, 25.9897, 28.2860



24.6981, 25.9897, 17.7010



20.6545, 25.9897, 28.3107



24.7067, 25.9897, 42.4546

Rectangle

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



29.2474, 25.9897, 28.2860



27.5614, 25.9897, 19.8823



20.6545, 25.9897, 28.3107



22.0483, 25.9897, 38.8064

Sweetspot

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



29.2481, 25.9909, 28.2865



63.2107, 63.3463, 69.2522



29.3325, 25.7321, 41.9492



13.8636, 13.7631, 15.0520



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.2481, 25.9909, 28.2865



49.4756, 42.0977, 45.4936



29.6825, 28.1991, 24.3020



8.0937, 8.0507, 8.8041



13.0782, 6.6938, 2.7912



0.3873, 0.1956, 0.2012

Inverse Universe

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



29.2481, 25.9909, 28.2865



49.4756, 42.0977, 45.4936



29.1183, 33.2595, 43.4134



8.0937, 8.0507, 8.8041



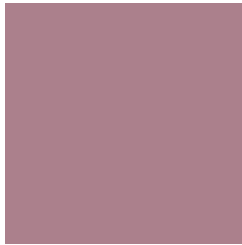
13.0782, 6.6938, 2.7912



0.3873, 0.1956, 0.2012

Previews

White Background



This preview shows how the XYZ color 29.2474, 25.9897, 28.2860 looks on a white background.

Color Contrast Check

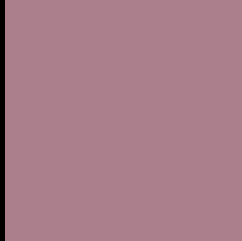
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2474, 25.9897, 28.2860 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 29.2474, 25.9897, 28.2860

Background



This preview shows how black text looks on a background with the XYZ color 29.2474, 25.9897, 28.2860.



This preview shows how white text looks on a background with the XYZ color 29.2474, 25.9897,

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

29.2474, 25.9897, 28.2860

Protanopia

25.2361, 26.1160, 30.9049

Deuteranopia

26.4610, 25.9643, 28.0431



Tritanopia

29.1012, 25.9312, 27.5162

Trichromacy



Original Color

29.2474, 25.9897, 28.2860

Protanomaly

26.4605, 25.9209, 29.9942

Deuteranomaly

27.4087, 25.8402, 27.9692

Tritanomaly

29.1740, 25.9604, 27.8993

Monochromacy



Original Color

29.2474, 25.9897, 28.2860

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.8902, 26.5867, 28.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2474, 25.9897, 28.2860 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(171, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 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(171, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.2474, 25.9897, 28.2860 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(171, 128, 140) }
```


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

```
.border{ border-color:rgb(171, 128, 140) }
```

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

Here you see how a box with a 4 pixel rgb(171, 128, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2474, 25.9897, 28.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 140) }
```

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

```
.background{ background-color: rgb(171,  
128, 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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