

Converting Colors

XYZ(28.7632, 26.6127, 28.5910)

Have a look what the booklet for
XYZ(28.7632, 26.6127, 28.5910)
contains.

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Color

**XYZ(28.7108, 26.5030,
28.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	A6848C
RGB	166, 132, 140
RGB Percent	65%, 52%, 55%
CMY	0.3490, 0.4823, 0.4510
CMYK	0.00, 0.20, 0.16, 0.35
HSL	346°, 16%, 58%
HSV	346°, 20%, 65%
XYZ	28.7108, 26.5030, 28.4133
YIQ	143.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

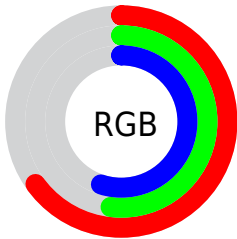
Format	Color
R_{YB}	166, 132, 140
Decimal	10912908
CIE _{Lab}	58.51, 14.31, 0.66
CIE _{LCh}	59, 14.330, 2.649
Yxy	26.5030, 0.3433, 0.3169
Android (android.graphics.Color)	4289102988 (0xFFA6848C)
YUV	143.0780, -1.5175, 20.1026
Hunter-Lab	51.4811, 9.4569, 3.3136

Details

The XYZ color **28.7108, 26.5030, 28.4133** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3246, 34.6473, 37.4915**, and the grayscale version is **26.1411, 27.5025, 29.9502**.

A 20% lighter version of the original color is **56.7934, 53.9203, 57.8664**, and **11.8022, 10.3502, 11.0486** is the 20% darker color. If you saturate the color by 10%, you get **25.7537, 22.0012, 23.0725**, and if you desaturate by 10%, it is **32.1357, 31.7668, 34.4435**.

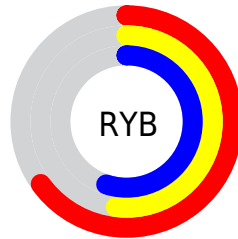
Distribution



Red (65%)

Green (52%)

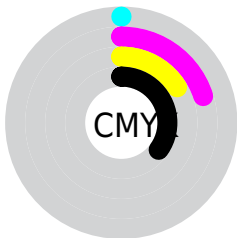
Blue (55%)



Red (65%)

Yellow (52%)

Blue (55%)

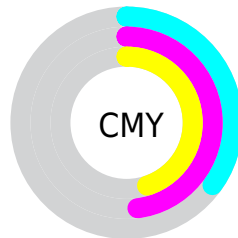


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7108, 26.5030, 28.4133 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 28.7108, 26.5030, 28.4133 by changing the saturation by 10% instead.

■ 28.7108, 26.5030,
28.4133

■ 28.7108, 26.5030,
28.4133

287.8669,
285.2426, 308.4104

■ 19.0053, 17.2003,
18.3957

■ 57.0180, 54.0853,
58.1746

■ 11.7782, 10.3774,
11.0621

■ 76.3505, 73.1337,
78.7555

■ 6.6639, 5.6499,
5.9939

■ 99.6227, 96.1995,
103.6944

■ 3.2973, 2.6334,
2.7726

127.2000,
123.6670, 133.4101

■ 1.3129, 0.9435,
0.9798

159.4477,
155.9207, 168.3210

■ 0.1928, 0.0000,
0.0000

196.7311,

■ 0.0000, 0.0000,

193.3449, 208.8456

0.0000

239.4158,
236.3241, 255.4026

■ 28.7108, 26.5030,
28.4133

■ 28.7108, 26.5030,
28.4133

■ 25.7537, 22.0012,
23.0725

■ 32.1357, 31.7668,
34.4435

■ 23.2414, 18.2225,
18.3946

■ 36.0453, 37.8220,
41.1851

■ 21.1528, 15.1301,
14.3538


■ 40.4586, 44.7007,
48.6610


■ 19.4636, 12.6823,
10.9217


■ 45.3927, 52.4324,
56.8927


■ 18.1473, 10.8331,
8.0679


■ 50.8641, 61.0448,
65.9008


 17.1740, 9.5302,
5.7593


 56.8885, 70.5647,
75.7051

 16.5089, 8.7121,
3.9589

 63.4809, 81.0176,
86.3246

 16.0930, 8.2539,
2.6685

 67.4476, 86.0117,
96.7083

 69.4169, 86.7994,
107.0789

Harmonies

Analogous

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



28.3054, 26.5030, 33.5251



28.7108, 26.5030, 28.4133



28.1373, 26.5030, 23.9549

Triad

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



28.7108, 26.5030, 28.4133



23.4147, 26.5030, 21.4663



23.6727, 26.5030, 38.3120

Complementary

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



28.7108, 26.5030, 28.4133



29.3246, 34.6473, 37.4915

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.



22.4566, 26.5030, 34.3866



28.7108, 26.5030, 28.4133



22.3126, 26.5030, 24.6442

Square

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



28.7108, 26.5030, 28.4133



25.0348, 26.5030, 20.2460



21.9700, 26.5030, 29.3058



25.3464, 26.5030, 39.6181

Rectangle

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



28.7108, 26.5030, 28.4133



27.2918, 26.5030, 21.8416



21.9700, 26.5030, 29.3058



23.1995, 26.5030, 37.2342

Sweetspot

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



28.7115, 26.5042, 28.4139



61.3119, 62.2735, 67.6945



29.1375, 26.4755, 39.6513



13.6233, 13.7853, 14.9810



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.



28.7115, 26.5042, 28.4139



49.3289, 43.8600, 46.5825



29.3430, 28.6767, 25.8199



7.6007, 7.5702, 8.2147



12.4949, 6.4067, 2.1518



0.3230, 0.1635, 0.1523

Inverse Universe

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



28.7115, 26.5042, 28.4139



49.3289, 43.8600, 46.5825



28.5414, 31.9431, 40.7380



7.6007, 7.5702, 8.2147



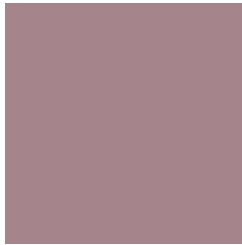
12.4949, 6.4067, 2.1518



0.3230, 0.1635, 0.1523

Previews

White Background



This preview shows how the XYZ color 28.7108, 26.5030, 28.4133 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 28.7108, 26.5030, 28.4133 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 28.7108, 26.5030, 28.4133

Background



This preview shows how black text looks on a background with the XYZ color 28.7108, 26.5030, 28.4133.



This preview shows how white text looks on a background with the XYZ color 28.7108, 26.5030,

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

28.7108, 26.5030, 28.4133

Protanopia

25.6442, 26.5513, 30.5614

Deuteranopia

26.9819, 26.4410, 28.1076



Tritanopia

28.8596, 26.5625, 29.1972

Trichromacy



Original Color

28.7108, 26.5030, 28.4133

Protanomaly

26.6661, 26.4538, 29.6872

Deuteranomaly

27.6222, 26.5630, 28.0974

Tritanomaly

28.7849, 26.5326, 28.8035

Monochromacy



Original Color

28.7108, 26.5030, 28.4133

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8776, 26.9975, 29.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7108, 26.5030, 28.4133 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, 132, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 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, 132, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.7108, 26.5030, 28.4133 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, 132, 140) }
```


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

```
.border{ border-color:rgb(166, 132, 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, 132, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7108, 26.5030, 28.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 140) }
```

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

```
.background{ background-color: rgb(166,  
132, 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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