

Converting Colors

XYZ(27.7529, 24.2749, 28.0337)

Have a look what the booklet for
XYZ(27.7529, 24.2749, 28.0337)
contains.

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Color

**XYZ(27.7529, 24.2749,
28.0337)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A77B8C |
| RGB | 167, 123, 140 |
| RGB Percent | 65%, 48%, 55% |
| CMY | 0.3451, 0.5176, 0.4510 |
| CMYK | 0.00, 0.26, 0.16, 0.35 |
| HSL | 337°, 20%, 57% |
| HSV | 337°, 26%, 65% |
| XYZ | 27.7529, 24.2749, 28.0337 |
| YIQ | 138.0940, 20.7670, 14.6150 |

Conversions

Conversions Part 2

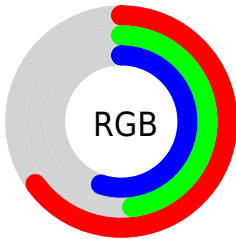
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 167, 123, 140 |
| Decimal | 10976140 |
| CIE _{Lab} | 56.36, 19.81, -2.47 |
| CIE _{LCh} | 56, 19.960, 352.886 |
| Yxy | 24.2749, 0.3466, 0.3032 |
| Android (android.graphics.Color) | 4289166220 (0xFFA77B8C) |
| YUV | 138.0940, 0.9397, 25.3506 |
| Hunter-Lab | 49.2696, 14.3250, 0.7535 |

Details

The XYZ color **27.7529, 24.2749, 28.0337** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4931, 34.0509, 33.9793**, and the grayscale version is **24.1849, 25.4444, 27.7090**.

A 20% lighter version of the original color is **55.5824, 50.5889, 57.2872**, and **11.2337, 9.2132, 10.8591** is the 20% darker color. If you saturate the color by 10%, you get **25.1345, 20.1915, 23.6046**, and if you desaturate by 10%, it is **30.7965, 29.0955, 32.9524**.

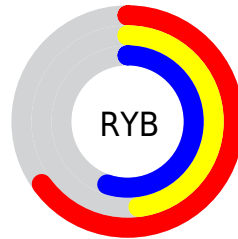
Distribution



Red (65%)

Green (48%)

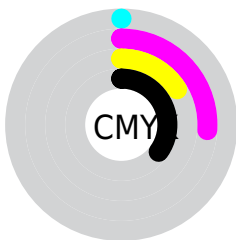
Blue (55%)



Red (65%)

Yellow (48%)

Blue (55%)

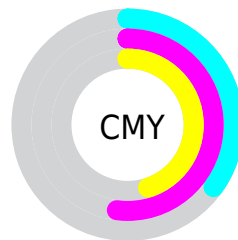


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7529, 24.2749, 28.0337 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 27.7529, 24.2749, 28.0337 by changing the saturation by 10% instead.

 27.7529, 24.2749,
28.0337


 27.7529, 24.2749,
28.0337


283.3858,
274.2073, 306.5449


 18.2790, 15.5377,
18.1118


 55.5011, 50.4784,
57.5620

 11.2514, 9.1976,
10.8600


 74.5061, 68.7135,
78.0055

 6.3047, 4.8703,
5.8598


 97.4188, 90.8833,
102.7932

 3.0736, 2.1714,
2.6926

124.6046,
117.3723, 132.3438

 1.1928, 0.7043,
0.9397

156.4289,
148.5648, 167.0757

 0.1007, 0.0000,
0.0000

193.2569,

 0.0000, 0.0000,

184.8452, 207.4075

0.0000

235.4541,
226.5979, 253.7577

■ 27.7529, 24.2749,
28.0337

■ 27.7529, 24.2749,
28.0337

■ 25.1345, 20.1915,
23.6046

■ 30.7965, 29.0955,
32.9524

■ 22.9194, 16.8053,
19.6476

■ 34.2817, 34.6840,
38.3743

■ 21.0867, 14.0777,
16.1460

■ 38.2265, 41.0734,
44.3146

■ 19.6129, 11.9647,
13.0818

■ 42.6475, 48.2938,
50.7872

■ 18.4716, 10.4171,
10.4352

■ 47.5602, 56.3738,
57.8053

■ 17.6324, 9.3780,
8.1847

■ 52.9794, 65.3405,
65.3819

■ 17.0540, 8.7686,
6.3044

■ 58.9194, 75.2199,
73.5293

■ 16.8765, 8.5916,
5.6965

■ 64.8797, 85.0088,
82.0883

■ 66.2957, 85.5752,
89.5444

Harmonies

Analogous

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



26.7880, 24.2749, 34.8485



27.7529, 24.2749, 28.0337



27.3986, 24.2749, 21.7985

Triad

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



27.7529, 24.2749, 28.0337



21.3925, 24.2749, 16.3822



20.5017, 24.2749, 37.8925

Complementary

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



27.7529, 24.2749, 28.0337



27.4931, 34.0509, 33.9793

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.



19.2277, 24.2749, 31.6778



27.7529, 24.2749, 28.0337



19.7176, 24.2749, 19.4918

Square

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



27.7529, 24.2749, 28.0337



23.6255, 24.2749, 15.7359



18.9504, 24.2749, 24.8910



22.5283, 24.2749, 41.1232

Rectangle

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



27.7529, 24.2749, 28.0337



26.4726, 24.2749, 18.7041



18.9504, 24.2749, 24.8910



19.9769, 24.2749, 36.0382

Sweetspot

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



27.7536, 24.2760, 28.0342



60.2127, 60.2107, 66.9101



26.5265, 23.3845, 39.6749



13.2632, 13.1344, 14.6473



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.



27.7536, 24.2760, 28.0342



46.6935, 38.7656, 45.1605



27.1535, 24.9290, 22.1210



7.6466, 7.5885, 8.4561



12.9366, 6.5833, 4.4776



0.3399, 0.1702, 0.2413

Inverse Universe

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



27.7536, 24.2760, 28.0342



46.6935, 38.7656, 45.1605



28.1705, 33.0541, 41.4547



7.6466, 7.5885, 8.4561



12.9366, 6.5833, 4.4776



0.3399, 0.1702, 0.2413

Previews

White Background



This preview shows how the XYZ color 27.7529, 24.2749, 28.0337 looks on a white background.

Color Contrast Check

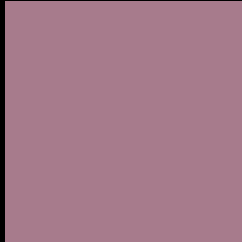
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7529, 24.2749, 28.0337 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 27.7529, 24.2749, 28.0337

Background



This preview shows how black text looks on a background with the XYZ color 27.7529, 24.2749, 28.0337.



This preview shows how white text looks on a background with the XYZ color 27.7529, 24.2749,

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

27.7529, 24.2749, 28.0337

Protanopia

23.7619, 24.5029, 31.0809

Deuteranopia

24.7364, 24.2706, 27.4257



Tritanopia

27.2366, 24.2435, 25.7982

Trichromacy



Original Color

27.7529, 24.2749, 28.0337

Protanomaly

25.0044, 24.3572, 29.7691

Deuteranomaly

25.7058, 24.1724, 27.7370

Tritanomaly

27.3775, 24.2999, 26.5399

Monochromacy



Original Color

27.7529, 24.2749, 28.0337

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4422, 25.0287, 27.9162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7529, 24.2749, 28.0337 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(167, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 123, 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(167, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 123, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.7529, 24.2749, 28.0337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

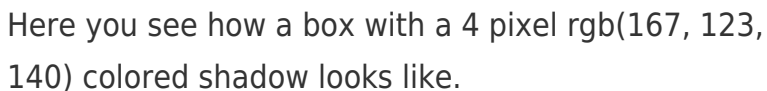
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 123, 140) }
```


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

```
.border{ border-color:rgb(167, 123, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 123, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 123, 140); box-shadow:4px 4px 4px 4px rgb(167, 123, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7529, 24.2749, 28.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 123, 140) }
```

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

```
.background{ background-color: rgb(167,  
123, 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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