

Converting Colors

XYZ(28.5931, 24.9226, 22.3294)

Have a look what the booklet for
XYZ(28.5931, 24.9226, 22.3294)
contains.

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Color

**XYZ(28.6255, 24.8513,
22.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	B07B7C
RGB	176, 123, 124
RGB Percent	69%, 48%, 49%
CMY	0.3098, 0.5176, 0.5137
CMYK	0.00, 0.30, 0.30, 0.31
HSL	359°, 25%, 59%
HSV	359°, 30%, 69%
XYZ	28.6255, 24.8513, 22.3568
YIQ	138.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

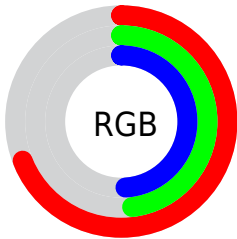
Format	Color
RYB	176, 123, 124
Decimal	11565948
CIELab	56.93, 20.80, 7.75
CIElCh	57, 22.195, 20.441
Yxy	24.8513, 0.3775, 0.3277
Android (android.graphics.Color)	4289756028 (0xFFB07B7C)
YUV	138.9610, -7.3758, 32.4832
Hunter-Lab	49.8511, 15.2589, 8.3059

Details

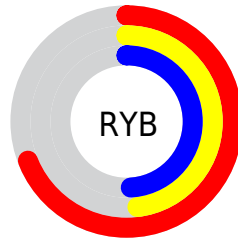
The XYZ color **28.6255, 24.8513, 22.3568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4326, 38.3572, 46.3065**, and the grayscale version is **24.5453, 25.8235, 28.1218**.

A 20% lighter version of the original color is **56.9661, 51.5089, 48.0141**, and **11.7448, 9.5431, 7.8796** is the 20% darker color. If you saturate the color by 10%, you get **25.6371, 20.4718, 16.4362**, and if you desaturate by 10%, it is **32.1990, 30.0947, 29.4166**.

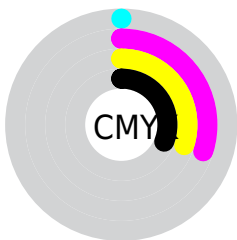
Distribution



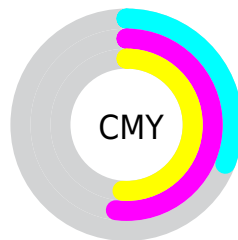
- Red (69%)
- Green (48%)
- Blue (49%)



- Red (69%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6255, 24.8513, 22.3568 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 28.6255, 24.8513, 22.3568 by changing the saturation by 10% instead.

■ 28.6255, 24.8513,
22.3568

■ 28.6255, 24.8513,
22.3568

287.4700,
277.0966, 277.4180

■ 18.9406, 15.9663,
13.9185

■ 56.8832, 51.4159,
48.2447

■ 11.7311, 9.5003,
7.9259

■ 76.1867, 69.8643,
66.5314

■ 6.6317, 5.0689,
3.9605

■ 99.4271, 92.2692,
88.9380

■ 3.2771, 2.2878,
1.6037

126.9698,
119.0152, 115.8830

■ 1.3020, 0.7672,
0.2934

159.1800,
150.4865, 147.7850

■ 0.1847, 0.0000,
0.0000

196.4233,

■ 0.0000, 0.0000,

187.0676, 185.0624

0.0000

239.0648,
229.1428, 228.1339

■ 28.6255, 24.8513,
22.3568

■ 28.6255, 24.8513,
22.3568

■ 25.6371, 20.4718,
16.4362

■ 32.1990, 30.0947,
29.4166

■ 23.2008, 16.9066,
11.5938

■ 36.3844, 36.2410,
37.6692

■ 21.2835, 14.1065,
7.7650


■ 41.2091, 43.3313,
47.1668


■ 19.8474, 12.0155,
4.8780


■ 46.6984, 51.4030,
57.9581


■ 18.8499, 10.5702,
2.8514


■ 52.8761, 60.4915,
70.0888

 18.2410, 9.6956,
1.5900

 59.7649, 70.6304,
83.6028

 17.9226, 9.2373,
0.9333

 67.3865, 81.8518,
98.5419

 71.7145, 87.9701,
107.8079

Harmonies

Analogous

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



28.9056, 24.8513, 29.5087



28.6255, 24.8513, 22.3568



26.9522, 24.8513, 17.4470

Triad

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



28.6255, 24.8513, 22.3568



19.9693, 24.8513, 18.9208



22.7993, 24.8513, 43.7906

Complementary

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



28.6255, 24.8513, 22.3568



31.4326, 38.3572, 46.3065

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.



20.5752, 24.8513, 39.6773



28.6255, 24.8513, 22.3568



19.0223, 24.8513, 24.7485

Square

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



28.6255, 24.8513, 22.3568



21.9158, 24.8513, 15.7308



19.2356, 24.8513, 32.3779



25.4112, 24.8513, 42.8283

Rectangle

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



28.6255, 24.8513, 22.3568



25.3352, 24.8513, 15.6782



19.2356, 24.8513, 32.3779



21.9848, 24.8513, 42.9309

Sweetspot

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



28.6262, 24.8525, 22.3573



66.7729, 66.8803, 69.8629



32.4276, 26.3272, 44.4468



14.2177, 14.1223, 14.6419



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.6262, 24.8525, 22.3573



48.2676, 39.7224, 33.3201



32.0284, 31.7573, 23.1822



8.5026, 8.5078, 8.8792



13.1526, 6.7786, 0.6977



0.4160, 0.2141, 0.0332

Inverse Universe

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



28.6262, 24.8525, 22.3573



48.2676, 39.7224, 33.3201



27.1155, 29.5658, 45.3518



8.5026, 8.5078, 8.8792



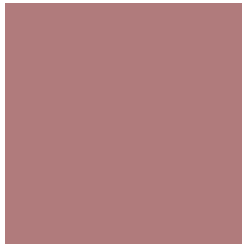
13.1526, 6.7786, 0.6977



0.4160, 0.2141, 0.0332

Previews

White Background



This preview shows how the XYZ color 28.6255, 24.8513, 22.3568 looks on a white background.

Color Contrast Check

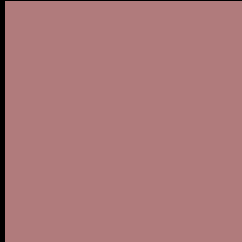
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6255, 24.8513, 22.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

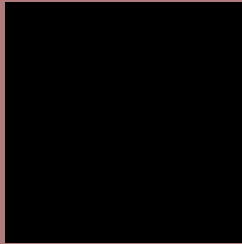
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6255, 24.8513, 22.3568

Background



This preview shows how black text looks on a background with the XYZ color 28.6255, 24.8513, 22.3568.



This preview shows how white text looks on a background with the XYZ color 28.6255, 24.8513,

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

28.6255, 24.8513, 22.3568

Protanopia

23.8854, 24.9097, 25.0219

Deuteranopia

25.2817, 24.8762, 21.8815



Tritanopia

29.1877, 24.9049, 24.7415

Trichromacy



Original Color

28.6255, 24.8513, 22.3568

Protanomaly

25.3390, 24.6611, 23.8466

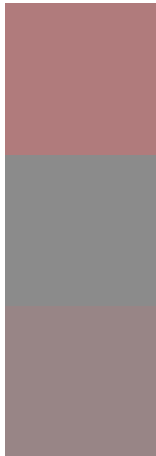
Deuteranomaly

26.5297, 24.9171, 22.1501

Tritanomaly

28.9873, 24.8247, 23.6859

Monochromacy



Original Color

28.6255, 24.8513, 22.3568

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6395, 25.1717, 26.0615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6255, 24.8513, 22.3568 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(176, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(176, 123, 124)  
}
```

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(176, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 28.6255, 24.8513, 22.3568 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(176, 123, 124) }
```


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

```
.border{ border-color:rgb(176, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(176, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6255, 24.8513, 22.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 123, 124) }
```

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

```
.background{ background-color: rgb(176,  
123, 124) }
```

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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