

Converting Colors

XYZ(28.4080, 24.6297, 21.5072)

Have a look what the booklet for
XYZ(28.4080, 24.6297, 21.5072)
contains.

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Color

**XYZ(28.3769, 24.5543,
21.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	B07A7A
RGB	176, 122, 122
RGB Percent	69%, 48%, 48%
CMY	0.3098, 0.5216, 0.5216
CMYK	0.00, 0.31, 0.31, 0.31
HSL	0°, 25%, 58%
HSV	0°, 31%, 69%
XYZ	28.3769, 24.5543, 21.6562
YIQ	138.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

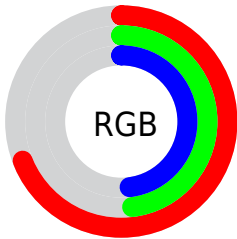
Format	Color
RYB	176, 122, 122
Decimal	11565690
CIELab	56.64, 21.08, 8.49
CIELCh	57, 22.728, 21.945
Yxy	24.5543, 0.3805, 0.3292
Android (android.graphics.Color)	4289755770 (0xFFB07A7A)
YUV	138.1460, -7.9600, 33.1980
Hunter-Lab	49.5523, 15.5043, 8.7747

Details

The XYZ color **28.3769, 24.5543, 21.6562** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.3874, 38.3217, 46.8170**, and the grayscale version is **24.2346, 25.4967, 27.7659**.

A 20% lighter version of the original color is **56.5742, 51.0396, 46.9142**, and **11.6112, 9.3837, 7.5026** is the 20% darker color. If you saturate the color by 10%, you get **25.4149, 20.2203, 15.7671**, and if you desaturate by 10%, it is **31.9290, 29.7523, 28.7169**.

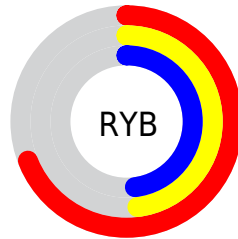
Distribution



Red (69%)

Green (48%)

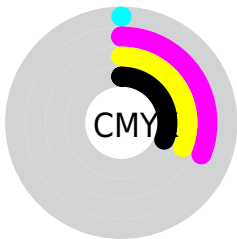
Blue (48%)



Red (69%)

Yellow (48%)

Blue (48%)

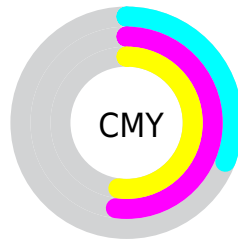


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3769, 24.5543, 21.6562 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 28.3769, 24.5543, 21.6562 by changing the saturation by 10% instead.


 28.3769, 24.5543,
21.6562


 28.3769, 24.5543,
21.6562


286.3111,
275.6110, 273.6403


 18.7519, 15.7453,
13.4086


 56.4901, 50.9332,
47.0720

 11.5941, 9.3441,
7.5765


 75.7089, 69.2720,
65.0773

 6.5381, 4.9663,
3.7413


 98.8564, 91.5561,
87.1722

 3.2187, 2.2275,
1.4845

126.2979,
118.1700, 113.7753

 1.2705, 0.7349,
0.2064

158.3988,
149.4980, 145.3051

 0.1609, 0.0000,
0.0000

195.5243,

 0.0000, 0.0000,

185.9246, 182.1802

0.0000

238.0400,
227.8341, 224.8190

■ 28.3769, 24.5543,
21.6562

■ 28.3769, 24.5543,
21.6562

■ 25.4149, 20.2203,
15.7671

■ 31.9290, 29.7523,
28.7169

■ 23.0093, 16.7001,
10.9850

■ 36.0988, 35.8538,
37.0062

■ 21.1259, 13.9442,
7.2410

■ 40.9142, 42.9001,
46.5792

■ 19.7260, 11.8957,
4.4583

■ 46.4011, 50.9289,
57.4872

■ 18.7656, 10.4903,
2.5492

■ 52.5839, 59.9760,
69.7786

■ 18.1926, 9.6516,
1.4102

■ 59.4857, 70.0752,
83.4995

■ 17.9047, 9.2304,
0.8380

■ 67.1287, 81.2589,
98.6938

■ 71.7146, 87.9701,
107.8079

Harmonies

Analogous

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



28.7409, 24.5543, 28.8273



28.3769, 24.5543, 21.6562



26.6133, 24.5543, 16.8337

Triad

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



28.3769, 24.5543, 21.6562



19.5604, 24.5543, 18.7293



22.6332, 24.5543, 43.8927

Complementary

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



28.3769, 24.5543, 21.6562



31.3874, 38.3217, 46.8170

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.



20.3433, 24.5543, 39.9130



28.3769, 24.5543, 21.6562



18.6588, 24.5543, 24.7473

Square

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



28.3769, 24.5543, 21.6562



21.4897, 24.5543, 15.3794



18.9342, 24.5543, 32.5526



25.2896, 24.5543, 42.6368

Rectangle

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



28.3769, 24.5543, 21.6562



24.9490, 24.5543, 15.1468



18.9342, 24.5543, 32.5526



21.7981, 24.5543, 43.0999

Sweetspot

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



28.3776, 24.5555, 21.6567



66.7251, 66.8617, 69.6098



32.7007, 26.2841, 44.4243



14.2060, 14.1177, 14.5798



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.



28.3776, 24.5555, 21.6567



47.6147, 38.8978, 31.6190



32.1650, 32.1304, 22.9192



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



31.3874, 38.3217, 46.8170



53.9732, 67.9799, 84.7720



26.6102, 28.7673, 45.2246



8.7426, 9.6315, 10.9046



17.1394, 25.0792, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 28.3769, 24.5543, 21.6562 looks on a white background.

Color Contrast Check

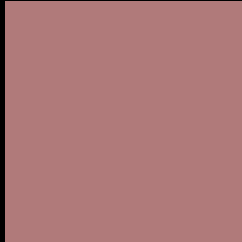
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3769, 24.5543, 21.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

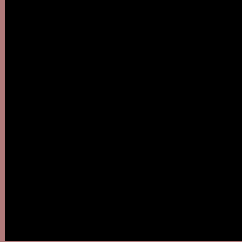
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3769, 24.5543, 21.6562

Background



This preview shows how black text looks on a background with the XYZ color 28.3769, 24.5543, 21.6562.



This preview shows how white text looks on a background with the XYZ color 28.3769, 24.5543,

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

28.3769, 24.5543, 21.6562

Protanopia

23.5818, 24.7687, 24.3068

Deuteranopia

25.0240, 24.5572, 21.1904



Tritanopia

28.9981, 24.6336, 24.3455

Trichromacy



Original Color

28.3769, 24.5543, 21.6562

Protanomaly

25.0191, 24.5113, 23.1512

Deuteranomaly

26.2746, 24.6053, 21.4536

Tritanomaly

28.7996, 24.5542, 23.3002

Monochromacy



Original Color

28.3769, 24.5543, 21.6562

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3650, 24.8439, 25.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3769, 24.5543, 21.6562 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, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(176, 122, 122)  
}
```

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, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 122, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.3769, 24.5543, 21.6562 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, 122, 122) }
```


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

```
.border{ border-color:rgb(176, 122, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 122, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(176, 122,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3769, 24.5543, 21.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 122, 122) }
```

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

```
.background{ background-color: rgb(176,  
122, 122) }
```

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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