

Converting Colors

XYZ(28.0070, 24.6956, 27.9671)

Have a look what the booklet for
XYZ(28.0070, 24.6956, 27.9671)
contains.

XYZ(28.0036, 24.7762, 28.1173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0036, 24.7762,
28.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	A77D8C
RGB	167, 125, 140
RGB Percent	65%, 49%, 55%
CMY	0.3451, 0.5098, 0.4510
CMYK	0.00, 0.25, 0.16, 0.35
HSL	339°, 19%, 57%
HSV	339°, 25%, 65%
XYZ	28.0036, 24.7762, 28.1173
YIQ	139.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

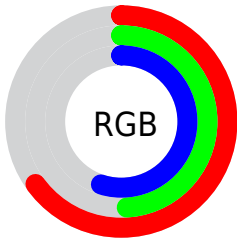
Format	Color
R _Y B	167, 125, 140
Decimal	10976652
CIE Lab	56.86, 18.67, -1.75
CIE LCh	57, 18.751, 354.659
Yxy	24.7762, 0.3462, 0.3063
Android (android.graphics.Color)	4289166732 (0xFFA77D8C)
YUV	139.2680, 0.3609, 24.3210
Hunter-Lab	49.7757, 13.3159, 1.3512

Details

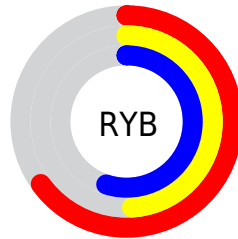
The XYZ color **28.0036, 24.7762, 28.1173** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9447, 34.2650, 34.8484**, and the grayscale version is **24.6377, 25.9208, 28.2277**.

A 20% lighter version of the original color is **55.9775, 51.3790, 57.4189**, and **11.3693, 9.4845, 10.9043** is the 20% darker color. If you saturate the color by 10%, you get **25.3112, 20.5970, 23.5027**, and if you desaturate by 10%, it is **31.1301, 29.6995, 33.2583**.

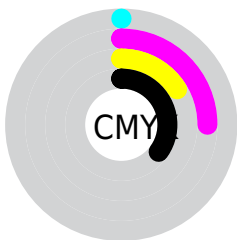
Distribution



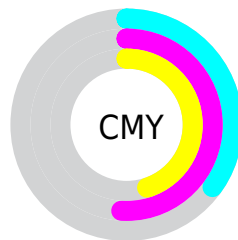
- Red (65%)
- Green (49%)
- Blue (55%)



- Red (65%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0036, 24.7762, 28.1173 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 28.0036, 24.7762, 28.1173 by changing the saturation by 10% instead.

■ 28.0036, 24.7762,
28.1173

■ 28.0036, 24.7762,
28.1173

284.5639,
276.7216, 306.9565

■ 18.4688, 15.9104,
18.1743

■ 55.8988, 51.2939,
57.6970

■ 11.3888, 9.4608,
10.9045

■ 74.9899, 69.7146,
78.1708

■ 6.3982, 5.0429,
5.8893

■ 97.9973, 92.0891,
102.9919

■ 3.1316, 2.2725,
2.7102

125.2861,
118.8017, 132.5789

■ 1.2238, 0.7591,
0.9485

157.2218,
150.2369, 167.3504

■ 0.1250, 0.0000,
0.0000

194.1698,

■ 0.0000, 0.0000,

186.7790, 207.7247

0.0000

236.4954,
228.8124, 254.1206

■ 28.0036, 24.7762,
28.1173

■ 28.0036, 24.7762,
28.1173

■ 25.3112, 20.5970,
23.5027

■ 31.1301, 29.6995,
33.2583

■ 23.0309, 17.1220,
19.3955

■ 34.7073, 35.3974,
38.9409

■ 21.1417, 14.3130,
15.7776


■ 38.7534, 41.9028,
45.1813

■ 19.6200, 12.1264,
12.6292


■ 43.2849, 49.2457,
51.9949


■ 18.4395, 10.5135,
9.9289

■ 48.3176, 57.4545,
59.3961


 17.5699, 9.4185,
7.6534


 53.8666, 66.5565,
67.3989

 16.9741, 8.7713,
5.7759

 59.9461, 76.5774,
76.0170

 16.7425, 8.5379,
4.9901

 65.4093, 85.2207,
84.8765

 66.9285, 85.8283,
92.8765

Harmonies

Analogous

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



27.1603, 24.7762, 34.5858



28.0036, 24.7762, 28.1173



27.5944, 24.7762, 22.2442

Triad

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



28.0036, 24.7762, 28.1173



21.8326, 24.7762, 17.4201



21.1923, 24.7762, 38.0802

Complementary

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



28.0036, 24.7762, 28.1173



27.9447, 34.2650, 34.8484

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.



19.9197, 24.7762, 32.3378



28.0036, 24.7762, 28.1173



20.2730, 24.7762, 20.5751

Square

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



28.0036, 24.7762, 28.1173



23.9439, 24.7762, 16.6479



19.5938, 24.7762, 25.8681



23.1586, 24.7762, 40.8816

Rectangle

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



28.0036, 24.7762, 28.1173



26.6787, 24.7762, 19.3455



19.5938, 24.7762, 25.8681



20.6742, 24.7762, 36.3905

Sweetspot

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



28.0043, 24.7773, 28.1178



60.1512, 60.1861, 66.5861



27.1837, 24.0954, 39.7776



13.2472, 13.1280, 14.5628



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.



28.0043, 24.7773, 28.1178



47.4571, 40.1737, 45.7822



27.7016, 25.8227, 22.9277



7.6377, 7.5849, 8.4091



12.8330, 6.5419, 3.9322



0.3366, 0.1689, 0.2241

Inverse Universe

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



28.0043, 24.7773, 28.1178



47.4571, 40.1737, 45.7822



28.2482, 32.7805, 41.3979



7.6377, 7.5849, 8.4091



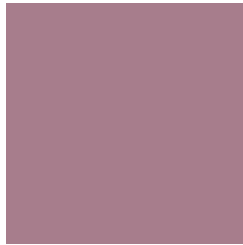
12.8330, 6.5419, 3.9322



0.3366, 0.1689, 0.2241

Previews

White Background



This preview shows how the XYZ color 28.0036, 24.7762, 28.1173 looks on a white background.

Color Contrast Check

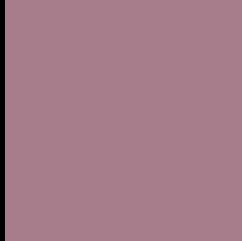
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0036, 24.7762, 28.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

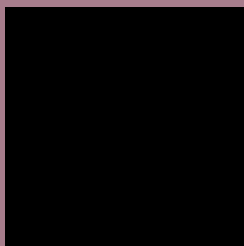
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0036, 24.7762, 28.1173

Background



This preview shows how black text looks on a background with the XYZ color 28.0036, 24.7762, 28.1173.



This preview shows how white text looks on a background with the XYZ color 28.0036, 24.7762,

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

28.0036, 24.7762, 28.1173

Protanopia

24.1458, 24.9179, 30.7311

Deuteranopia

25.3059, 24.7562, 27.8708



Tritanopia

27.5599, 24.7780, 26.2517

Trichromacy



Original Color

28.0036, 24.7762, 28.1173

Protanomaly

25.3179, 24.7192, 29.8224

Deuteranomaly

26.2208, 24.6325, 27.7987

Tritanomaly

27.7021, 24.8348, 27.0005

Monochromacy



Original Color

28.0036, 24.7762, 28.1173

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5797, 25.3038, 27.9620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0036, 24.7762, 28.1173 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, 125, 140)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 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, 125, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.0036, 24.7762, 28.1173 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, 125, 140) }
```


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

```
.border{ border-color:rgb(167, 125, 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, 125, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 125, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 125, 140);  
box-shadow:4px 4px 4px 4px rgb(167, 125,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0036, 24.7762, 28.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 125, 140) }
```

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

```
.background{ background-color: rgb(167,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor