

Converting Colors

XYZ(27.2777, 24.8707, 24.1317)

Have a look what the booklet for
XYZ(27.2777, 24.8707, 24.1317)
contains.

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Color

**XYZ(27.2777, 24.8707,
24.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	A67F81
RGB	166, 127, 129
RGB Percent	65%, 50%, 51%
CMY	0.3490, 0.5019, 0.4941
CMYK	0.00, 0.23, 0.22, 0.35
HSL	357°, 18%, 57%
HSV	357°, 23%, 65%
XYZ	27.2777, 24.8707, 24.1317
YIQ	138.8890, 22.6020, 8.8900

Conversions

Conversions Part 2

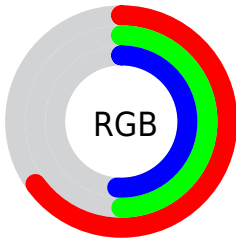
Format	Color
R_{YB}	166, 127, 129
Decimal	10911617
CIE _{Lab}	56.95, 15.37, 4.74
CIE _{LCh}	57, 16.085, 17.142
Yxy	24.8707, 0.3576, 0.3260
Android (android.graphics.Color)	4289101697 (0xFFA67F81)
YUV	138.8890, -4.8753, 23.7763
Hunter-Lab	49.8705, 10.3608, 6.2197

Details

The XYZ color **27.2777, 24.8707, 24.1317** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.0905, 34.4654, 40.2429**, and the grayscale version is **24.5105, 25.7870, 28.0820**.

A 20% lighter version of the original color is **54.8890, 51.5495, 51.3131**, and **10.9824, 9.5387, 8.8517** is the 20% darker color. If you saturate the color by 10%, you get **24.3404, 20.5442, 18.3795**, and if you desaturate by 10%, it is **30.7310, 29.9705, 30.8527**.

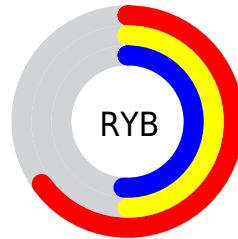
Distribution



Red (65%)

Green (50%)

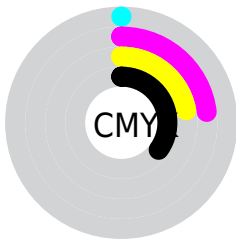
Blue (51%)



Red (65%)

Yellow (50%)

Blue (51%)

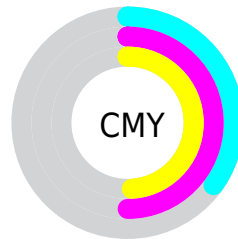


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (50%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2777, 24.8707, 24.1317 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 27.2777, 24.8707, 24.1317 by changing the saturation by 10% instead.

■ 27.2777, 24.8707,
24.1317

■ 27.2777, 24.8707,
24.1317

281.1423,
277.1934, 286.7936

■ 17.9196, 15.9807,
15.2182

■ 54.7459, 51.4474,
51.1916

■ 10.9916, 9.5105,
8.8244

■ 73.5867, 69.9029,
70.1750

■ 6.1284, 5.0757,
4.5316

■ 96.3191, 92.3157,
93.3523

■ 2.9647, 2.2917,
1.9213

123.3084,
119.0703, 121.1418

■ 1.1351, 0.7693,
0.5062

154.9200,
150.5509, 153.9621

■ 0.0542, 0.0000,
0.0000

191.5193,

■ 0.0000, 0.0000,

187.1421, 192.2319

0.0000

233.4716,
229.2281, 236.3695

■ 27.2777, 24.8707,
24.1317

■ 27.2777, 24.8707,
24.1317

■ 24.3404, 20.5442,
18.3795

■ 30.7310, 29.9705,
30.8527

■ 21.8924, 16.9501,
13.5499

■ 34.7213, 35.8751,
38.5825

■ 19.9077, 14.0488,
9.5954

■ 39.2708, 42.6186,
47.3611

■ 18.3570, 11.7958,
6.4637

■ 44.4000, 50.2318,
57.2254

■ 17.2079, 10.1411,
4.0965

■ 50.1282, 58.7442,
68.2108

■ 16.4232, 9.0280,
2.4285

■ 56.4739, 68.1838,
80.3511

■ 15.9588, 8.3881,
1.3829

■ 63.4549, 78.5775,
93.6786

■ 15.7725, 8.1257,
0.9812

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



27.3550, 24.8707, 29.4585



27.2777, 24.8707, 24.1317



26.1933, 24.8707, 20.1556

Triad

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



27.2777, 24.8707, 24.1317



21.0780, 24.8707, 20.6100



22.8407, 24.8707, 38.5245

Complementary

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



27.2777, 24.8707, 24.1317



29.0905, 34.4654, 40.2429

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.



21.2562, 24.8707, 35.4323



27.2777, 24.8707, 24.1317



20.2755, 24.8707, 24.8330

Square

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



27.2777, 24.8707, 24.1317



22.5856, 24.8707, 18.3157



20.3389, 24.8707, 30.2591



24.7243, 24.8707, 38.2708

Rectangle

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



27.2777, 24.8707, 24.1317



25.0763, 24.8707, 18.5901



20.3389, 24.8707, 30.2591



22.2575, 24.8707, 37.8263

Sweetspot

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



27.2784, 24.8718, 24.1322



60.2652, 61.0376, 64.7025



29.6593, 25.7619, 39.4859



13.3938, 13.5223, 14.3003



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.



27.2784, 24.8718, 24.1322



46.7121, 41.0195, 38.3328



29.5155, 29.5564, 24.2294



7.5461, 7.5483, 7.9270



12.2362, 6.3032, 0.7892



0.3024, 0.1552, 0.0440

Inverse Universe

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



27.2784, 24.8718, 24.1322



46.7121, 41.0195, 38.3328



26.3996, 28.7927, 40.2427



7.5461, 7.5483, 7.9270



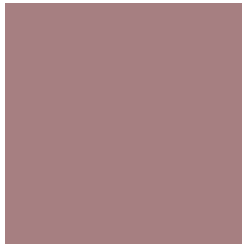
12.2362, 6.3032, 0.7892



0.3024, 0.1552, 0.0440

Previews

White Background



This preview shows how the XYZ color 27.2777, 24.8707, 24.1317 looks on a white background.

Color Contrast Check

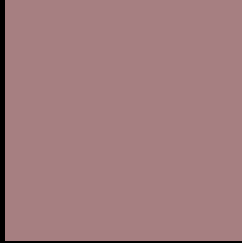
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2777, 24.8707, 24.1317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

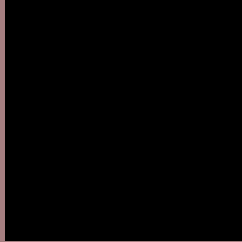
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2777, 24.8707, 24.1317

Background



This preview shows how black text looks on a background with the XYZ color 27.2777, 24.8707, 24.1317.



This preview shows how white text looks on a background with the XYZ color 27.2777, 24.8707,

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

27.2777, 24.8707, 24.1317

Protanopia

23.9225, 24.9050, 26.1006

Deuteranopia

25.2844, 24.8333, 23.8828



Tritanopia

27.8411, 24.9148, 26.6342

Trichromacy



Original Color

27.2777, 24.8707, 24.1317

Protanomaly

24.9468, 24.8306, 25.3077

Deuteranomaly

25.9795, 24.7929, 23.8383

Tritanomaly

27.6308, 24.8307, 25.5268

Monochromacy



Original Color

27.2777, 24.8707, 24.1317

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4316, 25.4668, 26.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2777, 24.8707, 24.1317 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, 127, 129) looks like.

```
.text, #text, p{  
    color:rgb(166, 127, 129)  
}
```

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, 127, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 127, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.2777, 24.8707, 24.1317 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, 127, 129) }
```


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

```
.border{ border-color:rgb(166, 127, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 127, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 127, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 127, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 127,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2777, 24.8707, 24.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 127, 129) }
```

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

```
.background{ background-color: rgb(166,  
127, 129) }
```

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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