

Converting Colors

XYZ(27.2418, 25.1949, 22.9434)

Have a look what the booklet for
XYZ(27.2418, 25.1949, 22.9434)
contains.

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Color

**XYZ(27.2778, 25.2882,
22.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	A6817D
RGB	166, 129, 125
RGB Percent	65%, 51%, 49%
CMY	0.3490, 0.4941, 0.5098
CMYK	0.00, 0.22, 0.25, 0.35
HSL	6°, 19%, 57%
HSV	6°, 25%, 65%
XYZ	27.2778, 25.2882, 22.8454
YIQ	139.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

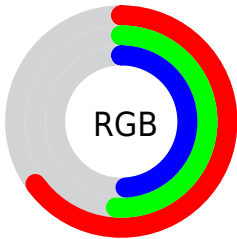
Format	Color
R_{YB}	166, 129, 125
Decimal	10912125
CIE _{Lab}	57.36, 13.62, 7.63
CIE _{LCh}	57, 15.613, 29.258
Yxy	25.2882, 0.3617, 0.3353
Android (android.graphics.Color)	4289102205 (0xFFA6817D)
YUV	139.6070, -7.2013, 23.1467
Hunter-Lab	50.2874, 8.8223, 8.2659

Details

The XYZ color **27.2778, 25.2882, 22.8454** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2603, 32.9527, 40.9475**, and the grayscale version is **24.7961, 26.0875, 28.4092**.

A 20% lighter version of the original color is **54.8880, 52.1998, 49.3021**, and **10.9832, 9.7698, 8.1444** is the 20% darker color. If you saturate the color by 10%, you get **24.4743, 21.2386, 17.1090**, and if you desaturate by 10%, it is **30.5492, 29.9895, 29.6128**.

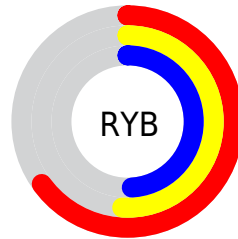
Distribution



Red (65%)

Green (51%)

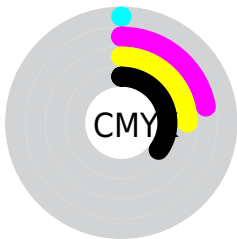
Blue (49%)



Red (65%)

Yellow (51%)

Blue (49%)

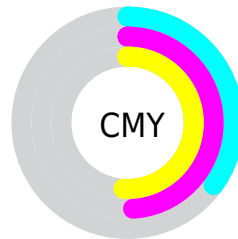


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2778, 25.2882, 22.8454 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 27.2778, 25.2882, 22.8454 by changing the saturation by 10% instead.

■ 27.2778, 25.2882,
22.8454

■ 27.2778, 25.2882,
22.8454

281.1428,
279.2702, 280.0261

■ 17.9196, 16.2919,
14.2752

■ 54.7461, 52.1244,
49.0593

■ 10.9916, 9.7309,
8.1714

■ 73.5869, 70.7331,
67.5401

■ 6.1285, 5.2209,
4.1155

■ 96.3193, 93.3147,
90.1615

■ 2.9648, 2.3775,
1.6889

123.3087,
120.2536, 117.3420

■ 1.1352, 0.8143,
0.3531

154.9203,
151.9342, 149.5001

■ 0.0542, 0.0000,
0.0000

191.5197,

■ 0.0000, 0.0000,

188.7409, 187.0545

0.0000

233.4720,
231.0581, 230.4236

■ 27.2778, 25.2882,
22.8454

■ 27.2778, 25.2882,
22.8454

■ 24.4743, 21.2386,
17.1090

■ 30.5492, 29.9895,
29.6128

■ 22.1152, 17.8087,
12.3514

■ 34.3065, 35.3659,
37.4566

■ 20.1784, 14.9689,
8.5185

■ 38.5690, 41.4438,
46.4216

■ 18.6386, 12.6858,
5.5498

■ 43.3546, 48.2473,
56.5495

■ 17.4681, 10.9227,
3.3782

■ 48.6802, 55.7991,
67.8797

■ 16.6355, 9.6385,
1.9262

■ 54.5620, 64.1212,
80.4500

■ 16.1039, 8.7858,
1.0998

■ 61.0155, 73.2346,
94.2964

■ 15.9143, 8.4838,
0.7988

■ 67.6012, 82.9775,
107.0610

■ 69.5359, 86.8470,
107.7060

Harmonies

Analogous

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



27.7747, 25.2882, 27.6669



27.2778, 25.2882, 22.8454



25.9021, 25.2882, 19.6673

Triad

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



27.2778, 25.2882, 22.8454



21.1035, 25.2882, 22.6439



23.9896, 25.2882, 39.0414

Complementary

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



27.2778, 25.2882, 22.8454



28.2603, 32.9527, 40.9475

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.



22.2611, 25.2882, 37.2617



27.2778, 25.2882, 22.8454



20.6483, 25.2882, 27.4026

Square

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



27.2778, 25.2882, 22.8454



22.3371, 25.2882, 19.5619



21.0612, 25.2882, 32.8251



25.8182, 25.2882, 37.4235

Rectangle

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



27.2778, 25.2882, 22.8454



24.7055, 25.2882, 18.6819



21.0612, 25.2882, 32.8251



23.3781, 25.2882, 38.8174

Sweetspot

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



27.2785, 25.2894, 22.8459



60.5216, 61.6975, 64.3342



29.6332, 25.4039, 37.7966



13.4553, 13.6804, 14.2120



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.



27.2785, 25.2894, 22.8459



46.4256, 41.4506, 35.1417



30.1620, 31.0564, 23.8071



7.5879, 7.6558, 7.8671



12.3577, 6.6127, 0.6251



0.3183, 0.1962, 0.0211

Inverse Universe

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



28.2603, 32.9527, 40.9475



48.5349, 57.9368, 74.1001



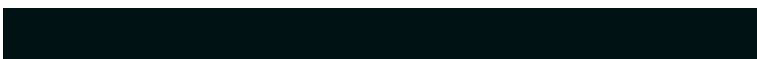
25.0260, 26.4842, 39.8694



7.6840, 8.4050, 9.6357



13.7877, 19.0356, 30.9230



0.3528, 0.4979, 0.7582

Previews

White Background



This preview shows how the XYZ color 27.2778, 25.2882, 22.8454 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 27.2778, 25.2882, 22.8454 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 27.2778, 25.2882, 22.8454

Background



This preview shows how black text looks on a background with the XYZ color 27.2778, 25.2882, 22.8454.



This preview shows how white text looks on a background with the XYZ color 27.2778, 25.2882,

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

27.2778, 25.2882, 22.8454

Protanopia

24.0634, 25.2271, 24.3699

Deuteranopia

25.7359, 25.2982, 22.5954



Tritanopia

28.0411, 25.2004, 27.0531

Trichromacy



Original Color

27.2778, 25.2882, 22.8454

Protanomaly

25.1839, 25.1880, 23.9565

Deuteranomaly

26.3866, 25.4313, 22.5868

Tritanomaly

27.8892, 25.3473, 25.6129

Monochromacy



Original Color

27.2778, 25.2882, 22.8454

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5718, 25.7471, 26.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2778, 25.2882, 22.8454 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, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 125)  
}
```

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, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 125) }
```

Border

The CSS property to change the border of an element to XYZ 27.2778, 25.2882, 22.8454 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, 129, 125) }
```


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

```
.border{ border-color:rgb(166, 129, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 129, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 129, 125); box-shadow:4px 4px 4px 4px rgb(166, 129, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2778, 25.2882, 22.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 125) }
```

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

```
.background{ background-color: rgb(166,  
129, 125) }
```

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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