

Converting Colors

XYZ(27.8325, 25.0032, 28.8761)

Have a look what the booklet for
XYZ(27.8325, 25.0032, 28.8761)
contains.

XYZ(27.7817, 25.0243, 28.9571)	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(27.7817, 25.0243,
28.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	A47F8E
RGB	164, 127, 142
RGB Percent	64%, 50%, 56%
CMY	0.3569, 0.5019, 0.4431
CMYK	0.00, 0.23, 0.13, 0.36
HSL	336°, 17%, 57%
HSV	336°, 23%, 64%
XYZ	27.7817, 25.0243, 28.9571
YIQ	139.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

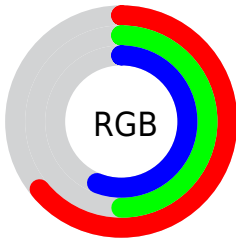
Format	Color
RYB	164, 127, 142
Decimal	10780558
CIELab	57.10, 16.74, -2.58
CIELCh	57, 16.942, 351.230
Yxy	25.0243, 0.3398, 0.3061
Android (android.graphics.Color)	4288970638 (0xFFA47F8E)
YUV	139.7730, 1.0979, 21.2471
Hunter-Lab	50.0243, 11.5900, 0.6964

Details

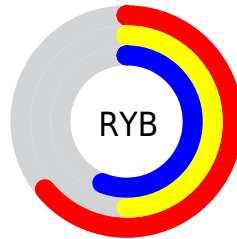
The XYZ color **27.7817, 25.0243, 28.9571** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4537, 33.2335, 33.4031**, and the grayscale version is **24.8310, 26.1241, 28.4492**.

A 20% lighter version of the original color is **55.4985, 51.6881, 59.2763**, and **11.3382, 9.6662, 11.3934** is the 20% darker color. If you saturate the color by 10%, you get **25.1332, 20.8480, 24.6185**, and if you desaturate by 10%, it is **30.8405, 29.9180, 33.7491**.

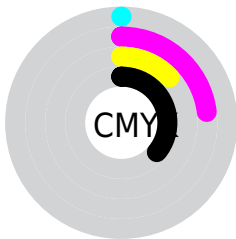
Distribution



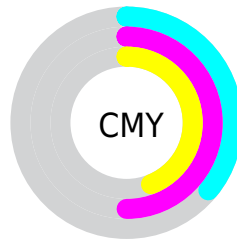
- Red (64%)
- Green (50%)
- Blue (56%)



- Red (64%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7817, 25.0243, 28.9571 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 27.7817, 25.0243, 28.9571 by changing the saturation by 10% instead.


 27.7817, 25.0243,
28.9571


 27.7817, 25.0243,
28.9571


283.5214,
277.9589, 311.0671


 18.3008, 16.0952,
18.8031


 55.5468, 51.6966,
59.0503

 11.2671, 9.5915,
11.3527


 74.5617, 70.2086,
79.8265

 6.3154, 5.1290,
6.1874


 97.4853, 92.6837,
104.9806

 3.0803, 2.3231,
2.8888

124.6830,
119.5062, 134.9310

 1.1964, 0.7859,
1.0381

156.5201,
151.0606, 170.0963

 0.1035, 0.0000,
0.0000

193.3619,

 0.0000, 0.0000,

187.7313, 210.8951

0.0000

235.5739,
229.9026, 257.7458

■ 27.7817, 25.0243,
28.9571

■ 27.7817, 25.0243,
28.9571

■ 25.1332, 20.8480,
24.6185

■ 30.8405, 29.9180,
33.7491

■ 22.8745, 17.3518,
20.7177

■ 34.3245, 35.5575,
39.0065

■ 20.9867, 14.5000,
17.2401

■ 38.2506, 41.9736,
44.7426

■ 19.4481, 12.2525,
14.1698

■ 42.6341, 49.1944,
50.9697

■ 18.2349, 10.5642,
11.4897

■ 47.4893, 57.2468,
57.6997

■ 17.3199, 9.3841,
9.1811

■ 52.8302, 66.1562,
64.9441

■ 16.6710, 8.6513,
7.2231

■ 58.6700, 75.9470,
72.7139

■ 16.3075, 8.2916,
5.9695

■ 63.9907, 84.5809,
80.6761

■ 65.3207, 85.1129,
87.6799

Harmonies

Analogous

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



26.9033, 25.0243, 34.7232



27.7817, 25.0243, 28.9571



27.5434, 25.0243, 23.4589

Triad

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



27.7817, 25.0243, 28.9571



22.4224, 25.0243, 18.2348



21.4623, 25.0243, 36.7433

Complementary

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



27.7817, 25.0243, 28.9571



27.4537, 33.2335, 33.4031

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.



20.3848, 25.0243, 31.4229



27.7817, 25.0243, 28.9571



20.9172, 25.0243, 20.9296

Square

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



27.7817, 25.0243, 28.9571



24.3746, 25.0243, 17.7666



20.1910, 25.0243, 25.6060



23.2047, 25.0243, 39.6132

Rectangle

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



27.7817, 25.0243, 28.9571



26.7885, 25.0243, 20.6280



20.1910, 25.0243, 25.6060



21.0145, 25.0243, 35.1497

Sweetspot

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



27.7824, 25.0254, 28.9576



59.3146, 59.6895, 66.3324



26.6097, 24.2108, 38.3929



12.8916, 12.9267, 14.3873



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.7824, 25.0254, 28.9576



47.9587, 41.5137, 48.5635



27.1352, 25.4135, 23.5552



7.1872, 7.1313, 7.9722



12.5261, 6.3665, 4.6952



0.2863, 0.1430, 0.2203

Inverse Universe

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



27.7824, 25.0254, 28.9576



47.9587, 41.5137, 48.5635



28.1844, 32.6536, 39.9395



7.1872, 7.1313, 7.9722



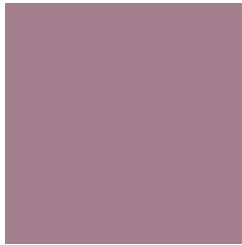
12.5261, 6.3665, 4.6952



0.2863, 0.1430, 0.2203

Previews

White Background



This preview shows how the XYZ color 27.7817, 25.0243, 28.9571 looks on a white background.

Color Contrast Check

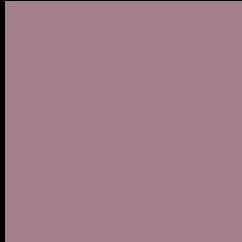
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7817, 25.0243, 28.9571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

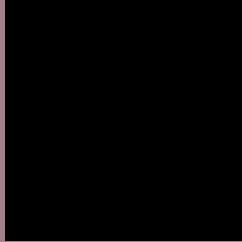
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7817, 25.0243, 28.9571

Background



This preview shows how black text looks on a background with the XYZ color 27.7817, 25.0243, 28.9571.



This preview shows how white text looks on a background with the XYZ color 27.7817, 25.0243,

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

27.7817, 25.0243, 28.9571

Protanopia

24.4660, 25.0648, 31.5655

Deuteranopia

25.5897, 25.0877, 28.6930



Tritanopia

27.4109, 25.0599, 27.4371

Trichromacy



Original Color

27.7817, 25.0243, 28.9571

Protanomaly

25.6085, 25.0534, 30.6802

Deuteranomaly

26.2504, 25.0257, 28.6462

Tritanomaly

27.4836, 25.0890, 27.8202

Monochromacy



Original Color

27.7817, 25.0243, 28.9571

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8661, 25.6406, 28.7851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7817, 25.0243, 28.9571 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(164, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(164, 127, 142)  
}
```

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(164, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 127, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.7817, 25.0243, 28.9571 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(164, 127, 142) }
```


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

```
.border{ border-color:rgb(164, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 127, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 127, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 127,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7817, 25.0243, 28.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 127, 142) }
```

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

```
.background{ background-color: rgb(164,  
127, 142) }
```

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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