

Converting Colors

XYZ(28.6606, 25.3178, 27.4198)

Have a look what the booklet for
XYZ(28.6606, 25.3178, 27.4198)
contains.

XYZ(28.6259, 25.3027, 27.4199)	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(28.6259, 25.3027,
27.4199)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7E8A
RGB	170, 126, 138
RGB Percent	67%, 49%, 54%
CMY	0.3333, 0.5059, 0.4588
CMYK	0.00, 0.26, 0.19, 0.33
HSL	344°, 21%, 58%
HSV	344°, 26%, 67%
XYZ	28.6259, 25.3027, 27.4199
YIQ	140.5240, 22.3720, 13.0600

Conversions

Conversions Part 2

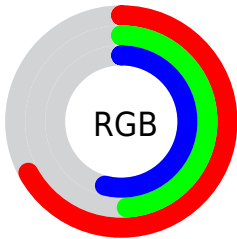
Format	Color
R_{YB}	170, 126, 138
Decimal	11173514
CIE Lab	57.37, 18.91, 0.20
CIE LCh	57, 18.908, 0.606
Yxy	25.3027, 0.3519, 0.3110
Android (android.graphics.Color)	4289363594 (0xFFAA7E8A)
YUV	140.5240, -1.2443, 25.8505
Hunter-Lab	50.3018, 13.5532, 2.8918

Details

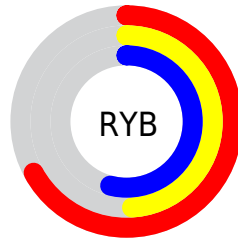
The XYZ color **28.6259, 25.3027, 27.4199** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.1515, 35.6544, 37.6951**, and the grayscale version is **25.1304, 26.4392, 28.7922**.

A 20% lighter version of the original color is **56.8881, 52.1705, 56.3618**, and **11.7514, 9.7942, 10.5036** is the 20% darker color. If you saturate the color by 10%, you get **25.7893, 20.9812, 22.3064**, and if you desaturate by 10%, it is **31.9353, 30.4061, 33.1945**.

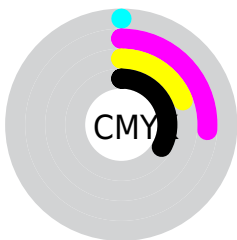
Distribution



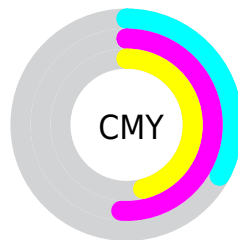
- Red (67%)
- Green (49%)
- Blue (54%)



- Red (67%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6259, 25.3027, 27.4199 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 28.6259, 25.3027, 27.4199 by changing the saturation by 10% instead.

 28.6259, 25.3027,
27.4199


 28.6259, 25.3027,
27.4199


287.4719,
279.3421, 303.5087


 18.9409, 16.3027,
17.6536


 56.8839, 52.1479,
56.5688

 11.7313, 9.7386,
10.5347


 76.1875, 70.7618,
76.7886

 6.6319, 5.2260,
5.6447


 99.4281, 93.3493,
101.3299

 3.2772, 2.3805,
2.5650

126.9709,
120.2946, 130.6113

 1.3020, 0.8158,
0.8743

159.1813,
151.9821, 165.0513

 0.1847, 0.0000,
0.0000

196.4247,

 0.0000, 0.0000,

188.7962, 205.0686

0.0000

239.0665,
231.1214, 251.0815

■ 28.6259, 25.3027,
27.4199

■ 28.6259, 25.3027,
27.4199

■ 25.7893, 20.9812,
22.3064

■ 31.9353, 30.4061,
33.1945

■ 23.4012, 17.3995,
17.8282

■ 35.7359, 36.3239,
39.6513

■ 21.4385, 14.5166,
13.9601

■ 40.0479, 43.0909,
46.8128

■ 19.8750, 12.2862,
10.6747

■ 44.8894, 50.7392,
54.6995

■ 18.6815, 10.6565,
7.9423

■ 50.2778, 59.2987,
63.3315

■ 17.8246, 9.5676,
5.7300

■ 56.2298, 68.7984,
72.7277

■ 17.2612, 8.9412,
4.0002

■ 62.7612, 79.2656,
82.9067

■ 17.0779, 8.7462,
3.4097

■ 67.6117, 86.1757,
93.1276

■ 69.4807, 86.9233,
102.9691

Harmonies

Analogous

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



28.0070, 25.3027, 34.0696



28.6259, 25.3027, 27.4199



27.9565, 25.3027, 21.7271

Triad

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



28.6259, 25.3027, 27.4199



21.9194, 25.3027, 18.2266



21.9938, 25.3027, 39.7765

Complementary

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



28.6259, 25.3027, 27.4199



29.1515, 35.6544, 37.6951

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.



20.5245, 25.3027, 34.3309



28.6259, 25.3027, 27.4199



20.4835, 25.3027, 21.9208

Square

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



28.6259, 25.3027, 27.4199



24.0039, 25.3027, 16.9514



19.9888, 25.3027, 27.6812



24.0951, 25.3027, 41.8420

Rectangle

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



28.6259, 25.3027, 27.4199



26.8923, 25.3027, 19.0635



19.9888, 25.3027, 27.6812



21.4144, 25.3027, 38.2428

Sweetspot

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



28.6266, 25.3039, 27.4204



63.1968, 63.3407, 69.1788



28.7264, 25.0471, 41.3511



13.8600, 13.7616, 15.0330



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.6266, 25.3039, 27.4204



48.9120, 41.2854, 44.3348



29.0829, 27.5307, 23.5211



7.6120, 7.5747, 8.2741



12.5833, 6.4420, 2.6172



0.3272, 0.1651, 0.1744

Inverse Universe

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



28.6266, 25.3039, 27.4204



48.9120, 41.2854, 44.3348



28.5127, 32.6425, 42.8285



7.6120, 7.5747, 8.2741



12.5833, 6.4420, 2.6172



0.3272, 0.1651, 0.1744

Previews

White Background



This preview shows how the XYZ color 28.6259, 25.3027, 27.4199 looks on a white background.

Color Contrast Check

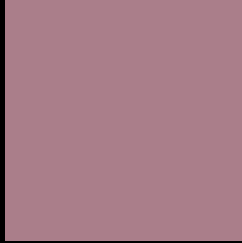
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6259, 25.3027, 27.4199 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 28.6259, 25.3027, 27.4199

Background



This preview shows how black text looks on a background with the XYZ color 28.6259, 25.3027, 27.4199.



This preview shows how white text looks on a background with the XYZ color 28.6259, 25.3027,

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

28.6259, 25.3027, 27.4199

Protanopia

24.7040, 25.4246, 30.3935

Deuteranopia

25.9893, 25.5317, 27.2252



Tritanopia

28.4824, 25.2453, 26.6642

Trichromacy



Original Color

28.6259, 25.3027, 27.4199

Protanomaly

25.8477, 25.2121, 29.0953

Deuteranomaly

26.9297, 25.4097, 27.1521

Tritanomaly

28.5538, 25.2739, 27.0403

Monochromacy



Original Color

28.6259, 25.3027, 27.4199

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.4867, 26.1772, 28.4676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6259, 25.3027, 27.4199 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(170, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 138)  
}
```

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(170, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.6259, 25.3027, 27.4199 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(170, 126, 138) }
```


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

```
.border{ border-color:rgb(170, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6259, 25.3027, 27.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 138) }
```

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

```
.background{ background-color: rgb(170,  
126, 138) }
```

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