

Converting Colors

XYZ(27.9879, 25.2528, 27.8169)

Have a look what the booklet for
XYZ(27.9879, 25.2528, 27.8169)
contains.

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Color

**XYZ(28.1053, 25.4094,
27.8493)**

Conversions

Conversions Part 1

Format	Color
Hex	A6808B
RGB	166, 128, 139
RGB Percent	65%, 50%, 55%
CMY	0.3490, 0.4980, 0.4549
CMYK	0.00, 0.23, 0.16, 0.35
HSL	343°, 18%, 58%
HSV	343°, 23%, 65%
XYZ	28.1053, 25.4094, 27.8493
YIQ	140.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

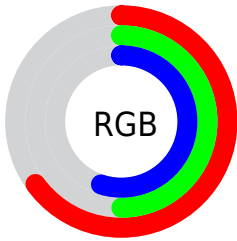
Format	Color
R_{YB}	166, 128, 139
Decimal	10911883
CIE _{Lab}	57.47, 16.42, -0.28
CIE _{LCh}	57, 16.421, 359.029
Yxy	25.4094, 0.3454, 0.3123
Android (android.graphics.Color)	4289101963 (0xFFA6808B)
YUV	140.6160, -0.7967, 22.2618
Hunter-Lab	50.4077, 11.3108, 2.5288

Details

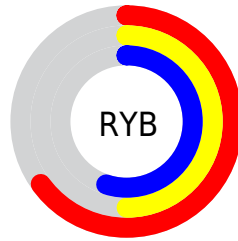
The XYZ color **28.1053, 25.4094, 27.8493** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4558, 34.2289, 36.1191**, and the grayscale version is **25.1656, 26.4761, 28.8325**.

A 20% lighter version of the original color is **56.1625, 52.3831, 57.0200**, and **11.4092, 9.8239, 10.7461** is the 20% darker color. If you saturate the color by 10%, you get **25.2988, 21.1020, 22.8886**, and if you desaturate by 10%, it is **31.3605, 30.4648, 33.4191**.

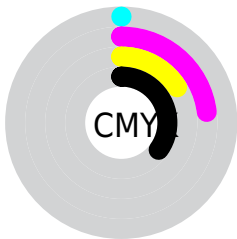
Distribution



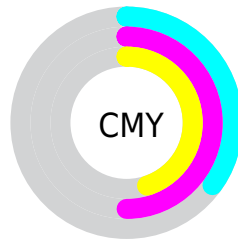
- Red (65%)
- Green (50%)
- Blue (55%)



- Red (65%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1053, 25.4094, 27.8493 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 28.1053, 25.4094, 27.8493 by changing the saturation by 10% instead.

 28.1053, 25.4094,
27.8493


 28.1053, 25.4094,
27.8493

285.0407,
279.8707, 305.6354


 18.5459, 16.3823,
17.9740


 56.0600, 52.3206,
57.2640

 11.4447, 9.7951,
10.7621


 75.1860, 70.9736,
77.6404

 6.4363, 5.2633,
5.7949


 98.2316, 93.6039,
102.3544

 3.1553, 2.4026,
2.6540

125.5621,
120.5961, 131.8244

 1.2364, 0.8272,
0.9202

157.5429,
152.3344, 166.4689

 0.1348, 0.0000,
0.0000

194.5394,

 0.0000, 0.0000,

189.2034, 206.7066

0.0000

236.9169,
231.5873, 252.9559

■ 28.1053, 25.4094,
27.8493

■ 28.1053, 25.4094,
27.8493

■ 25.2988, 21.1020,
22.8886

■ 31.3605, 30.4648,
33.4191

■ 22.9188, 17.5034,
18.5140

■ 35.0810, 36.2980,
39.6164

■ 20.9441, 14.5765,
14.7037

■ 39.2854, 42.9411,
46.4610

■ 19.3510, 12.2789,
11.4337

■ 43.9904, 50.4238,
53.9711

■ 18.1134, 10.5636,
8.6780

■ 49.2121, 58.7740,
62.1645

■ 17.2013, 9.3770,
6.4085

■ 54.9656, 68.0184,
71.0579

■ 16.5796, 8.6550,
4.5936

■ 61.2657, 78.1825,
80.6678

■ 16.2605, 8.3208,
3.5501

■ 66.2465, 85.5313,
90.3833

■ 67.9923, 86.2296,
99.5766

Harmonies

Analogous

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



27.5174, 25.4094, 33.5809



28.1053, 25.4094, 27.8493



27.5870, 25.4094, 22.7671

Triad

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



28.1053, 25.4094, 27.8493



22.3734, 25.4094, 19.2848



22.2687, 25.4094, 37.9552

Complementary

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



28.1053, 25.4094, 27.8493



28.4558, 34.2289, 36.1191

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.



21.0126, 25.4094, 33.2228



28.1053, 25.4094, 27.8493



21.0707, 25.4094, 22.4908

Square

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



28.1053, 25.4094, 27.8493



24.2146, 25.4094, 18.2428



20.5859, 25.4094, 27.4845



24.0872, 25.4094, 39.8789

Rectangle

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



28.1053, 25.4094, 27.8493



26.6989, 25.4094, 20.3120



20.5859, 25.4094, 27.4845



21.7704, 25.4094, 36.6113

Sweetspot

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



28.1060, 25.4106, 27.8498



60.6993, 61.2112, 66.9883



28.0440, 25.1218, 39.4477



13.4979, 13.5639, 14.8486



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.



28.1060, 25.4106, 27.8498



48.5608, 42.3465, 46.2567



28.3710, 27.1625, 24.1710



7.6171, 7.5767, 8.3008



12.6271, 6.4596, 2.8481



0.3290, 0.1659, 0.1842

Inverse Universe

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



28.1060, 25.4106, 27.8498



48.5608, 42.3465, 46.2567



28.0811, 31.9336, 40.7606



7.6171, 7.5767, 8.3008



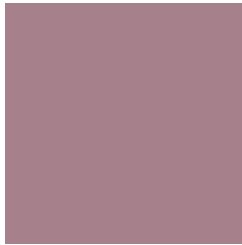
12.6271, 6.4596, 2.8481



0.3290, 0.1659, 0.1842

Previews

White Background



This preview shows how the XYZ color 28.1053, 25.4094, 27.8493 looks on a white background.

Color Contrast Check

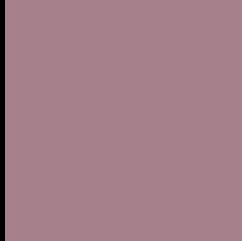
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1053, 25.4094, 27.8493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

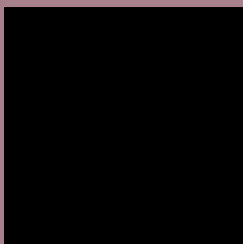
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1053, 25.4094, 27.8493

Background



This preview shows how black text looks on a background with the XYZ color 28.1053, 25.4094, 27.8493.



This preview shows how white text looks on a background with the XYZ color 28.1053, 25.4094,

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

28.1053, 25.4094, 27.8493

Protanopia

24.7040, 25.4246, 30.3935

Deuteranopia

26.0614, 25.5606, 27.6049



Tritanopia

28.0325, 25.3803, 27.4662

Trichromacy



Original Color

28.1053, 25.4094, 27.8493

Protanomaly

25.8774, 25.4229, 29.5298

Deuteranomaly

26.7433, 25.5056, 27.5583

Tritanomaly

28.0325, 25.3803, 27.4662

Monochromacy



Original Color

28.1053, 25.4094, 27.8493

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1155, 25.9858, 28.4503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1053, 25.4094, 27.8493 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, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 139)  
}
```

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, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.1053, 25.4094, 27.8493 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, 128, 139) }
```


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

```
.border{ border-color:rgb(166, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 139);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1053, 25.4094, 27.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 139) }
```

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

```
.background{ background-color: rgb(166,  
128, 139) }
```

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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