

Converting Colors

XYZ(27.2330, 25.3196, 27.3113)

Have a look what the booklet for
XYZ(27.2330, 25.3196, 27.3113)
contains.

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Color

**XYZ(27.2680, 25.3773,
27.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	A1828A
RGB	161, 130, 138
RGB Percent	63%, 51%, 54%
CMY	0.3686, 0.4902, 0.4588
CMYK	0.00, 0.19, 0.14, 0.37
HSL	345°, 14%, 57%
HSV	345°, 19%, 63%
XYZ	27.2680, 25.3773, 27.5059
YIQ	140.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

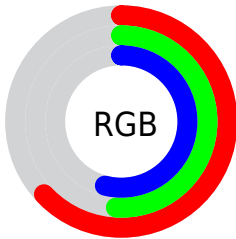
Format	Color
R_{YB}	161, 130, 138
Decimal	10584714
CIE _{Lab}	57.44, 13.21, 0.19
CIE _{LCh}	57, 13.212, 0.834
Yxy	25.3773, 0.3402, 0.3166
Android (android.graphics.Color)	4288774794 (0xFFA1828A)
YUV	140.1810, -1.0752, 18.2583
Hunter-Lab	50.3759, 8.4626, 2.8900

Details

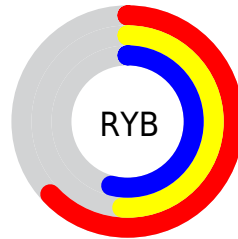
The XYZ color **27.2680, 25.3773, 27.5059** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.7015, 32.5361, 34.9586**, and the grayscale version is **24.9979, 26.2997, 28.6404**.

A 20% lighter version of the original color is **54.6564, 52.2275, 56.4904**, and **11.0106, 9.8406, 10.5516** is the 20% darker color. If you saturate the color by 10%, you get **24.4739, 21.0978, 22.5395**, and if you desaturate by 10%, it is **30.4937, 30.3673, 33.0862**.

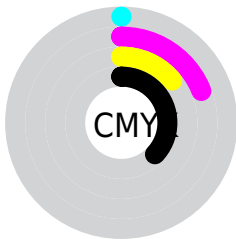
Distribution



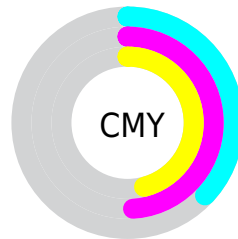
- Red (63%)
- Green (51%)
- Blue (54%)



- Red (63%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2680, 25.3773, 27.5059 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 27.2680, 25.3773, 27.5059 by changing the saturation by 10% instead.

■ 27.2680, 25.3773,
27.5059

■ 27.2680, 25.3773,
27.5059

281.0963,
279.7117, 303.9356

■ 17.9122, 16.3584,
17.7177

■ 54.7305, 52.2687,
56.7082

■ 10.9863, 9.7781,
10.5802

■ 73.5679, 70.9099,
76.9594

■ 6.1248, 5.2521,
5.6747

■ 96.2966, 93.5273,
101.5354

■ 2.9625, 2.3959,
2.5827

123.2819,
120.5054, 130.8546

■ 1.1340, 0.8238,
0.8835

154.8891,
152.2285, 165.3358

■ 0.0533, 0.0000,
0.0000

191.4837,

■ 0.0000, 0.0000,

189.0810, 205.3973

0.0000

233.4310,
231.4473, 251.4577

■ 27.2680, 25.3773,
27.5059

■ 27.2680, 25.3773,
27.5059

■ 24.4739, 21.0978,
22.5395

■ 30.4937, 30.3673,
33.0862

■ 22.0908, 17.4932,
18.1642

■ 34.1665, 36.0946,
39.2990

■ 20.0994, 14.5297,
14.3577

■ 38.3034, 42.5888,
46.1642

■ 18.4778, 12.1693,
11.0961

■ 42.9201, 49.8769,
53.7003

■ 17.2024, 10.3700,
8.3534

■ 48.0315, 57.9846,
61.9250

■ 16.2461, 9.0845,
6.1016

■ 53.6519, 66.9362,
70.8553

■ 15.5780, 8.2574,
4.3094

■ 59.7948, 76.7553,
80.5077

■ 15.1368, 7.7735,
2.9338

■ 65.2478, 85.0130,
90.4896

■ 15.1077, 7.7410,
2.8452

■ 67.0186, 85.7213,
99.8147

Harmonies

Analogous

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



26.8549, 25.3773, 32.0649



27.2680, 25.3773, 27.5059



26.8077, 25.3773, 23.4311

Triad

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



27.2680, 25.3773, 27.5059



22.6053, 25.3773, 20.8501



22.6782, 25.3773, 35.8935

Complementary

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



27.2680, 25.3773, 27.5059



27.7015, 32.5361, 34.9586

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.



21.6189, 25.3773, 32.3062



27.2680, 25.3773, 27.5059



21.5781, 25.3773, 23.6270

Square

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



27.2680, 25.3773, 27.5059



24.0764, 25.3773, 19.8539



21.2248, 25.3773, 27.7576



24.1643, 25.3773, 37.2139

Rectangle

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



27.2680, 25.3773, 27.5059



26.0785, 25.3773, 21.4533



21.2248, 25.3773, 27.7576



22.2627, 25.3773, 34.8949

Sweetspot

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



27.2687, 25.3784, 27.5064



56.5888, 57.4605, 62.6239



27.5031, 25.2861, 37.1496



12.3270, 12.4715, 13.5919



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.2687, 25.3784, 27.5064



46.6519, 42.0953, 45.4123



27.7069, 27.1476, 24.9002



7.1453, 7.1146, 7.7515



12.0807, 6.1883, 2.3494



0.2719, 0.1372, 0.1444

Inverse Universe

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



27.2687, 25.3784, 27.5064



46.6519, 42.0953, 45.4123



27.1569, 30.3540, 38.1460



7.1453, 7.1146, 7.7515



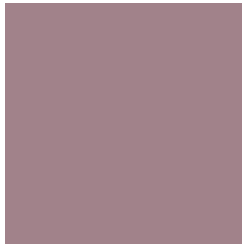
12.0807, 6.1883, 2.3494



0.2719, 0.1372, 0.1444

Previews

White Background



This preview shows how the XYZ color 27.2680, 25.3773, 27.5059 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 27.2680, 25.3773, 27.5059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

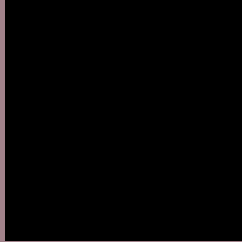
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2680, 25.3773, 27.5059

Background



This preview shows how black text looks on a background with the XYZ color 27.2680, 25.3773, 27.5059.



This preview shows how white text looks on a background with the XYZ color 27.2680, 25.3773,

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

27.2680, 25.3773, 27.5059

Protanopia

24.4756, 25.3333, 29.1910

Deuteranopia

25.9893, 25.5317, 27.2252



Tritanopia

27.4142, 25.4358, 28.2757

Trichromacy



Original Color

27.2680, 25.3773, 27.5059

Protanomaly

25.3654, 25.1763, 28.7219

Deuteranomaly

26.4205, 25.5498, 27.2060

Tritanomaly

27.3408, 25.4064, 27.8890

Monochromacy



Original Color

27.2680, 25.3773, 27.5059

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6771, 25.7683, 28.0465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2680, 25.3773, 27.5059 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(161, 130, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 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(161, 130, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.2680, 25.3773, 27.5059 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(161, 130, 138) }
```


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

```
.border{ border-color:rgb(161, 130, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2680, 25.3773, 27.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 138) }
```

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

```
.background{ background-color: rgb(161,  
130, 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](#).

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