

Converting Colors

XYZ(27.3783, 25.0996, 29.4257)

Have a look what the booklet for
XYZ(27.3783, 25.0996, 29.4257)
contains.

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Color

**XYZ(27.5061, 25.2608,
29.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	A1818F
RGB	161, 129, 143
RGB Percent	63%, 51%, 56%
CMY	0.3686, 0.4941, 0.4392
CMYK	0.00, 0.20, 0.11, 0.37
HSL	334°, 15%, 57%
HSV	334°, 20%, 63%
XYZ	27.5061, 25.2608, 29.4127
YIQ	140.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

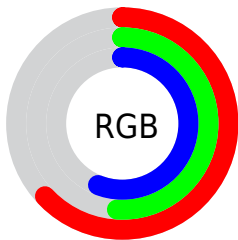
Format	Color
R_{YB}	161, 129, 143
Decimal	10584463
CIE Lab	57.33, 14.65, -2.86
CIE LCh	57, 14.929, 348.962
Yxy	25.2608, 0.3347, 0.3074
Android (android.graphics.Color)	4288774543 (0xFFA1818F)
YUV	140.1640, 1.3981, 18.2732
Hunter-Lab	50.2601, 9.7333, 0.4850

Details

The XYZ color **27.5061, 25.2608, 29.4127** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.0656, 32.2640, 32.4064**, and the grayscale version is **24.9824, 26.2834, 28.6226**.

A 20% lighter version of the original color is **55.1249, 52.0860, 59.9715**, and **11.1511, 9.7788, 11.6557** is the 20% darker color. If you saturate the color by 10%, you get **24.8916, 21.0857, 25.2917**, and if you desaturate by 10%, it is **30.5116, 30.1287, 33.9380**.

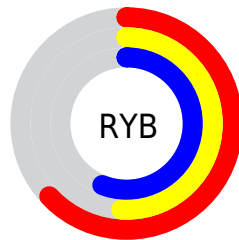
Distribution



Red (63%)

Green (51%)

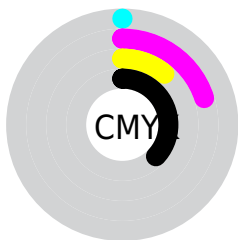
Blue (56%)



Red (63%)

Yellow (51%)

Blue (56%)

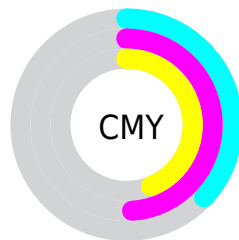


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5061, 25.2608, 29.4127 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 27.5061, 25.2608, 29.4127 by changing the saturation by 10% instead.

■ 27.5061, 25.2608,
29.4127

■ 27.5061, 25.2608,
29.4127

282.2224,
279.1343, 313.2789

■ 18.0922, 16.2715,
19.1450

■ 55.1091, 52.0800,
59.7821

■ 11.1163, 9.7165,
11.5972

■ 74.0290, 70.6787,
80.7209

■ 6.2130, 5.2114,
6.3509

■ 96.8482, 93.2492,
106.0538

■ 3.0169, 2.3718,
2.9874

123.9321,
120.1761, 136.1994

■ 1.1627, 0.8113,
1.0882

155.6462,
151.8436, 171.5761

■ 0.0766, 0.0000,
0.0000

192.3557,

■ 0.0000, 0.0000,

188.6362, 212.6026

0.0000

234.4259,
230.9383, 259.6973

■ 27.5061, 25.2608,
29.4127

■ 27.5061, 25.2608,
29.4127

■ 24.8916, 21.0857,
25.2917

■ 30.5116, 30.1287,
33.9380

■ 22.6491, 17.5681,
21.5614

■ 33.9218, 35.7156,
38.8774

■ 20.7610, 14.6751,
18.2094

■ 37.7523, 42.0506,
44.2425

■ 19.2075, 12.3692,
15.2224

■ 42.0174, 49.1600,
50.0438

■ 17.9669, 10.6089,
12.5857

■ 46.7304, 57.0692,
56.2915

■ 17.0143, 9.3476,
10.2837

■ 51.9044, 65.8019,
62.9953

■ 16.3211, 8.5301,
8.2986

■ 57.5516, 75.3813,
70.1647

■ 15.8230, 8.0306,
6.6009

■ 62.7827, 84.0270,
77.5086

■ 15.8171, 8.0247,
6.5810

■ 63.9825, 84.5069,
83.8268

Harmonies

Analogous

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



26.6683, 25.2608, 34.4108



27.5061, 25.2608, 29.4127



27.3731, 25.2608, 24.4585

Triad

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



27.5061, 25.2608, 29.4127



22.9210, 25.2608, 19.2806



21.8444, 25.2608, 35.5282

Complementary

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



27.5061, 25.2608, 29.4127



27.0656, 32.2640, 32.4064

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.



20.9336, 25.2608, 30.7939



27.5061, 25.2608, 29.4127



21.5338, 25.2608, 21.5906

Square

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



27.5061, 25.2608, 29.4127



24.6669, 25.2608, 19.0069



20.8228, 25.2608, 25.6811



23.3641, 25.2608, 38.2193

Rectangle

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



27.5061, 25.2608, 29.4127



26.7534, 25.2608, 21.8215



20.8228, 25.2608, 25.6811



21.4602, 25.2608, 34.0978

Sweetspot

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



27.5068, 25.2619, 29.4132



56.8536, 57.5664, 64.0183



26.2453, 24.4412, 37.0527



12.3904, 12.4968, 13.9258



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.



27.5068, 25.2619, 29.4132



47.0335, 41.6681, 49.2094



26.7240, 25.2886, 24.2430



7.1964, 7.1350, 8.0209



12.6524, 6.4170, 5.3603



0.2894, 0.1443, 0.2368

Inverse Universe

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



27.5068, 25.2619, 29.4132



47.0335, 41.6681, 49.2094



27.9541, 32.1749, 38.4554



7.1964, 7.1350, 8.0209



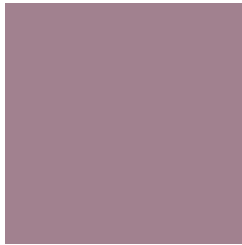
12.6524, 6.4170, 5.3603



0.2894, 0.1443, 0.2368

Previews

White Background



This preview shows how the XYZ color 27.5061, 25.2608, 29.4127 looks on a white background.

Color Contrast Check

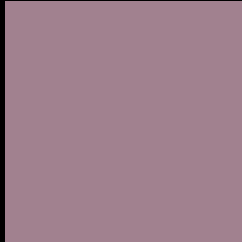
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5061, 25.2608, 29.4127 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 27.5061, 25.2608, 29.4127

Background



This preview shows how black text looks on a background with the XYZ color 27.5061, 25.2608, 29.4127.



This preview shows how white text looks on a background with the XYZ color 27.5061, 25.2608,

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

27.5061, 25.2608, 29.4127

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

25.8020, 25.3927, 29.1326



Tritanopia

27.4142, 25.4358, 28.2757

Trichromacy



Original Color

27.5061, 25.2608, 29.4127

Protanomaly

25.5675, 25.2365, 30.7177

Deuteranomaly

26.2706, 25.2278, 29.0760

Tritanomaly

27.4883, 25.4654, 28.6658

Monochromacy



Original Color

27.5061, 25.2608, 29.4127

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8246, 25.8273, 28.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5061, 25.2608, 29.4127 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, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 129, 143)  
}
```

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, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 129, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.5061, 25.2608, 29.4127 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, 129, 143) }
```


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

```
.border{ border-color:rgb(161, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 129,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5061, 25.2608, 29.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 129, 143) }
```

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

```
.background{ background-color: rgb(161,  
129, 143) }
```

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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