

Converting Colors

XYZ(27.5240, 25.0115, 32.5380)

Have a look what the booklet for
XYZ(27.5240, 25.0115, 32.5380)
contains.

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Color

**XYZ(27.6032, 25.0436,
32.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8097
RGB	159, 128, 151
RGB Percent	62%, 50%, 59%
CMY	0.3765, 0.4980, 0.4078
CMYK	0.00, 0.19, 0.05, 0.38
HSL	315°, 14%, 56%
HSV	315°, 19%, 62%
XYZ	27.6032, 25.0436, 32.6572
YIQ	139.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

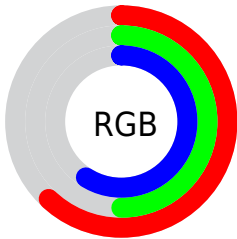
Format	Color
R _Y B	159, 128, 151
Decimal	10453143
CIE Lab	57.12, 15.95, -7.81
CIE LCh	57, 17.760, 333.909
Yxy	25.0436, 0.3236, 0.2936
Android (android.graphics.Color)	4288643223 (0xFF9F8097)
YUV	139.8910, 5.4767, 16.7586
Hunter-Lab	50.0436, 10.8813, -3.6607

Details

The XYZ color **27.6032, 25.0436, 32.6572** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7452, 31.1639, 27.9523**, and the grayscale version is **24.8619, 26.1567, 28.4846**.

A 20% lighter version of the original color is **55.2749, 51.7517, 64.8334**, and **11.1596, 9.6379, 13.3287** is the 20% darker color. If you saturate the color by 10%, you get **25.3623, 21.0856, 30.2946**, and if you desaturate by 10%, it is **30.1822, 29.6585, 35.1903**.

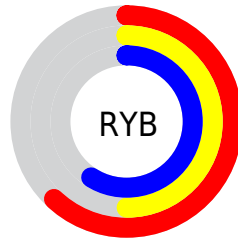
Distribution



Red (62%)

Green (50%)

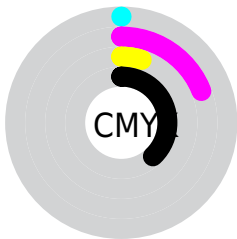
Blue (59%)



Red (62%)

Yellow (50%)

Blue (59%)

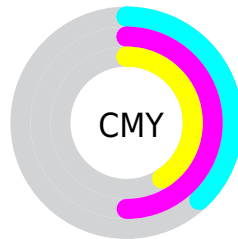


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (38%)



Cyan (38%)

Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6032, 25.0436, 32.6572 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 27.6032, 25.0436, 32.6572 by changing the saturation by 10% instead.

■ 27.6032, 25.0436,
32.6572

■ 27.6032, 25.0436,
32.6572

282.6806,
278.0550, 328.6867

■ 18.1657, 16.1095,
21.5950

■ 55.2634, 51.7279,
64.9498

■ 11.1694, 9.6017,
13.3642

■ 74.2168, 70.2470,
87.0173

■ 6.2490, 5.1357,
7.5461

■ 97.0728, 92.7299,
113.5903

■ 3.0392, 2.3271,
3.7223

124.1969,
119.5610, 145.0873

■ 1.1745, 0.7880,
1.4743

155.9544,
151.1246, 181.9269

■ 0.0861, 0.0000,
0.1987

192.7106,

■ 0.0000, 0.0000,

187.8052, 224.5277

0.0000

234.8308,
229.9872, 273.3081

■ 27.6032, 25.0436,
32.6572

■ 27.6032, 25.0436,
32.6572

■ 25.3623, 21.0856,
30.2946

■ 30.1822, 29.6585,
35.1903

■ 23.4420, 17.7508,
28.0953

■ 33.1113, 34.9551,
37.8976

■ 21.8268, 15.0079,
26.0537

■ 36.4045, 40.9613,
40.7848

■ 20.4986, 12.8211,
24.1633

■ 40.0747, 47.7021,
43.8564

■ 19.4377, 11.1510,
22.4170

■ 44.1338, 55.2015,
47.1172

■ 18.6216, 9.9530,
20.8065

■ 48.5934, 63.4824,
50.5715

■ 18.0241, 9.1747,
19.3225

■ 53.4645, 72.5666,
54.2234

■ 17.5872, 8.7005,
17.9451

■ 58.6924, 82.3447,
58.0553

■ 17.5662, 8.6782,
17.8774

■ 59.1284, 82.5191,
60.3516

Harmonies

Analogous

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



26.1195, 25.0436, 37.9946



27.6032, 25.0436, 32.6572



28.0478, 25.0436, 26.4900

Triad

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



27.6032, 25.0436, 32.6572



23.5299, 25.0436, 17.3107



20.6173, 25.0436, 34.2161

Complementary

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



27.6032, 25.0436, 32.6572



25.7452, 31.1639, 27.9523

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.



20.0100, 25.0436, 28.0615



27.6032, 25.0436, 32.6572



21.6281, 25.0436, 18.7784

Square

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



27.6032, 25.0436, 32.6572



25.6172, 25.0436, 18.1723



20.3690, 25.0436, 22.5073



22.0769, 25.0436, 38.9833

Rectangle

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



27.6032, 25.0436, 32.6572



27.6747, 25.0436, 22.8590



20.3690, 25.0436, 22.5073



20.3107, 25.0436, 32.2108

Sweetspot

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



27.6039, 25.0447, 32.6577



55.7547, 56.1827, 64.6255



24.0910, 23.1561, 36.0013



12.5003, 12.5408, 14.5047



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.



27.6039, 25.0447, 32.6577



47.7823, 41.9199, 56.7820



26.4443, 24.5809, 26.5514



6.8310, 6.7253, 7.9611



13.8917, 6.8612, 14.2125



0.2644, 0.1291, 0.3384

Inverse Universe

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



27.6039, 25.0447, 32.6577



47.7823, 41.9199, 56.7820



26.9074, 31.6287, 34.0723



6.8310, 6.7253, 7.9611



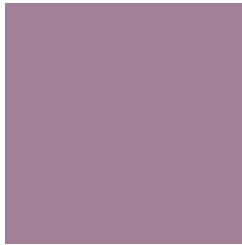
13.8917, 6.8612, 14.2125



0.2644, 0.1291, 0.3384

Previews

White Background



This preview shows how the XYZ color 27.6032, 25.0436, 32.6572 looks on a white background.

Color Contrast Check

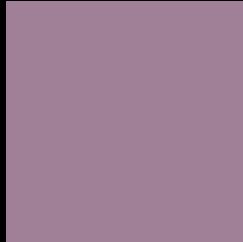
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6032, 25.0436, 32.6572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

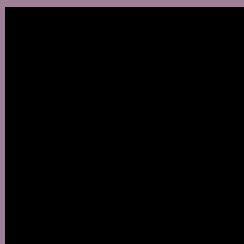
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6032, 25.0436, 32.6572

Background



This preview shows how black text looks on a background with the XYZ color 27.6032, 25.0436, 32.6572.



This preview shows how white text looks on a background with the XYZ color 27.6032, 25.0436,

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

27.6032, 25.0436, 32.6572

Protanopia

24.6364, 25.0770, 34.9943

Deuteranopia

25.5696, 24.9968, 32.3314



Tritanopia

26.8168, 25.1278, 28.2477

Trichromacy



Original Color

27.6032, 25.0436, 32.6572

Protanomaly

25.5480, 24.9478, 34.0407

Deuteranomaly

26.1990, 24.9186, 32.2831

Tritanomaly

26.9848, 24.9832, 29.7855

Monochromacy



Original Color

27.6032, 25.0436, 32.6572

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8708, 25.8250, 30.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6032, 25.0436, 32.6572 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(159, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(159, 128, 151)  
}
```

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(159, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 128, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.6032, 25.0436, 32.6572 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(159, 128, 151) }
```


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

```
.border{ border-color:rgb(159, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(159, 128,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6032, 25.0436, 32.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 128, 151) }
```

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

```
.background{ background-color: rgb(159,  
128, 151) }
```

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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