

Converting Colors

XYZ(27.2671, 26.8204, 33.8767)

Have a look what the booklet for
XYZ(27.2671, 26.8204, 33.8767)
contains.

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Color

**XYZ(27.2327, 26.8664,
33.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	958A99
RGB	149, 138, 153
RGB Percent	58%, 54%, 60%
CMY	0.4157, 0.4588, 0.4000
CMYK	0.03, 0.10, 0.00, 0.40
HSL	284°, 7%, 57%
HSV	284°, 10%, 60%
XYZ	27.2327, 26.8664, 33.8874
YIQ	142.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

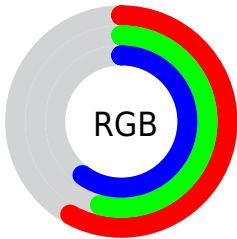
Format	Color
R_{YB}	149, 138, 153
Decimal	9800345
CIE _{Lab}	58.85, 6.99, -6.48
CIE _{LCh}	59, 9.537, 317.168
Yxy	26.8664, 0.3095, 0.3053
Android (android.graphics.Color)	4287990425 (0xFF958A99)
YUV	142.9990, 4.9305, 5.2629
Hunter-Lab	51.8328, 3.0756, -2.4798

Details

The XYZ color **27.2327, 26.8664, 33.8874** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1349, 30.3689, 28.4776**, and the grayscale version is **26.0891, 27.4478, 29.8906**.

A 20% lighter version of the original color is **54.5219, 54.4631, 66.6703**, and **10.9250, 10.5354, 14.0281** is the 20% darker color. If you saturate the color by 10%, you get **24.4592, 22.4049, 33.1728**, and if you desaturate by 10%, it is **30.3431, 31.9621, 34.7074**.

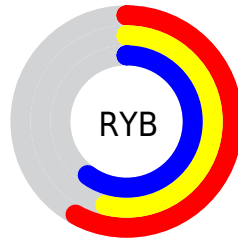
Distribution



Red (58%)

Green (54%)

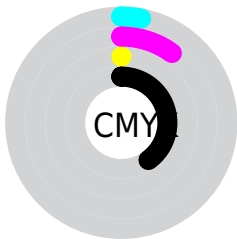
Blue (60%)



Red (58%)

Yellow (54%)

Blue (60%)

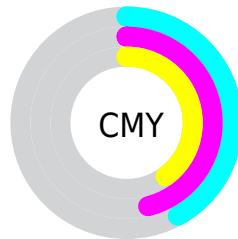


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (46%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2327, 26.8664, 33.8874 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 27.2327, 26.8664, 33.8874 by changing the saturation by 10% instead.

■ 27.2327, 26.8664,
33.8874

■ 27.2327, 26.8664,
33.8874

280.9291,
287.0097, 334.3835

■ 17.8856, 17.4729,
22.5304

■ 54.6743, 54.6694,
66.8904

■ 10.9670, 10.5722,
14.0452

■ 73.4995, 73.8477,
89.3736

■ 6.1118, 5.7800,
8.0130

■ 96.2147, 97.0564,
116.4025

■ 2.9545, 2.7118,
4.0154

123.1853,
124.6799, 148.3959

■ 1.1297, 0.9832,
1.6338

154.7767,
157.1026, 185.7721

■ 0.0498, 0.0000,
0.3147

191.3543,

■ 0.0000, 0.0000,

194.7088, 228.9497

0.0000

233.2833,
237.8831, 278.3474

■ 27.2327, 26.8664,
33.8874

■ 27.2327, 26.8664,
33.8874

■ 24.4592, 22.4049,
33.1728

■ 30.3431, 31.9621,
34.7074

■ 22.0072, 18.5484,
32.5577

■ 33.8004, 37.7130,
35.6352

■ 19.8633, 15.2703,
32.0379

■ 37.6171, 44.1431,
36.6752

■ 18.0125, 12.5408,
31.6086

■ 41.8043, 51.2745,
37.8310

■ 16.4382, 10.3273,
31.2644

■ 46.3728, 59.1281,
39.1061

■ 15.1224, 8.5938,
30.9991

■ 51.3326, 67.7238,
40.5039

■ 14.0442, 7.2994,
30.8061

■ 56.6936, 77.0810,
42.0274

■ 13.1797, 6.3966,
30.6774

■ 60.7170, 83.7216,
43.0972

■ 12.4709, 5.7696,
30.5937

■ 61.6923, 84.2244,
43.1428

Harmonies

Analogous

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



26.2100, 26.8664, 35.8974



27.2327, 26.8664, 33.8874



27.8080, 26.8664, 30.7171

Triad

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



27.2327, 26.8664, 33.8874



26.0420, 26.8664, 23.3741



23.4326, 26.8664, 31.2094

Complementary

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



27.2327, 26.8664, 33.8874



27.1349, 30.3689, 28.4776

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.



23.3907, 26.8664, 27.8361



27.2327, 26.8664, 33.8874



24.8731, 26.8664, 23.4836

Square

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



27.2327, 26.8664, 33.8874



27.1064, 26.8664, 24.7498



23.9107, 26.8664, 25.0615



24.0269, 26.8664, 34.2716

Rectangle

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



27.2327, 26.8664, 33.8874



27.8491, 26.8664, 28.4511



23.9107, 26.8664, 25.0615



23.3541, 26.8664, 30.0697

Sweetspot

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



27.2335, 26.8676, 33.8880



52.4592, 54.1412, 61.6574



25.9423, 27.1248, 34.0057



11.4877, 11.7976, 13.5892



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.2335, 26.8676, 33.8880



47.5073, 46.0677, 60.3600



27.7110, 27.1443, 32.5282



6.3005, 6.2408, 7.8015



10.3282, 4.7754, 25.2851



0.1881, 0.0888, 0.3796

Inverse Universe

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



27.1087, 26.9034, 29.3564



47.2442, 46.1534, 50.3484



26.6997, 30.1169, 29.7040



6.2731, 6.2484, 6.8182



11.1977, 5.7333, 2.3000



0.1809, 0.0911, 0.1057

Previews

White Background



This preview shows how the XYZ color 27.2327, 26.8664, 33.8874 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 27.2327, 26.8664, 33.8874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

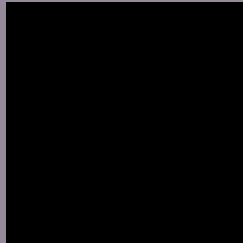
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2327, 26.8664, 33.8874

Background



This preview shows how black text looks on a background with the XYZ color 27.2327, 26.8664, 33.8874.



This preview shows how white text looks on a background with the XYZ color 27.2327, 26.8664,

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

27.2327, 26.8664, 33.8874

Protanopia

26.2565, 26.9918, 34.8364

Deuteranopia

27.4159, 26.9609, 33.8960



Tritanopia

26.8702, 26.9311, 32.2158

Trichromacy



Original Color

27.2327, 26.8664, 33.8874

Protanomaly

26.5385, 26.9289, 34.3709

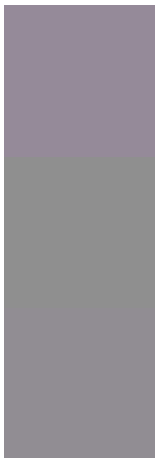
Deuteranomaly

27.4159, 26.9609, 33.8960

Tritanomaly

26.9504, 26.9631, 32.6381

Monochromacy



Original Color

27.2327, 26.8664, 33.8874

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4684, 27.1761, 31.4542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2327, 26.8664, 33.8874 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(149, 138, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 138, 153)  
}
```

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(149, 138, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 138, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.2327, 26.8664, 33.8874 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(149, 138, 153) }
```


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

```
.border{ border-color:rgb(149, 138, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 138, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 138, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 138, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 138,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2327, 26.8664, 33.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 138, 153) }
```

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

```
.background{ background-color: rgb(149,  
138, 153) }
```

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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