

Converting Colors

XYZ(27.2447, 27.3650, 33.6073)

Have a look what the booklet for
XYZ(27.2447, 27.3650, 33.6073)
contains.

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Color

**XYZ(27.2583, 27.3191,
33.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	948C98
RGB	148, 140, 152
RGB Percent	58%, 55%, 60%
CMY	0.4196, 0.4510, 0.4039
CMYK	0.03, 0.08, 0.00, 0.40
HSL	280°, 6%, 57%
HSV	280°, 8%, 60%
XYZ	27.2583, 27.3191, 33.5422
YIQ	143.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

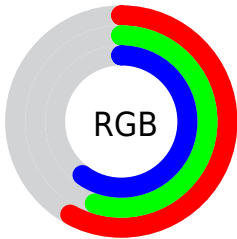
Format	Color
R _Y B	148, 140, 152
Decimal	9735320
CIE Lab	59.27, 5.30, -5.30
CIE LCh	59, 7.493, 314.968
Yxy	27.3191, 0.3093, 0.3100
Android (android.graphics.Color)	4287925400 (0xFF948C98)
YUV	143.7600, 4.0623, 3.7185
Hunter-Lab	52.2677, 1.6217, -1.4613

Details

The XYZ color **27.2583, 27.3191, 33.5422** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4646, 30.2800, 29.2095**, and the grayscale version is **26.3973, 27.7721, 30.2438**.

A 20% lighter version of the original color is **54.7895, 55.5964, 66.2360**, and **10.9349, 10.7933, 13.8189** is the 20% darker color. If you saturate the color by 10%, you get **24.2924, 22.7182, 32.8109**, and if you desaturate by 10%, it is **30.5727, 32.5566, 34.3789**.

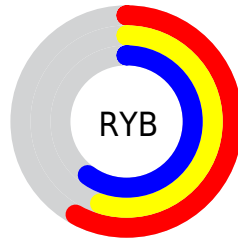
Distribution



Red (58%)

Green (55%)

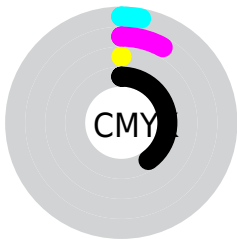
Blue (60%)



Red (58%)

Yellow (55%)

Blue (60%)

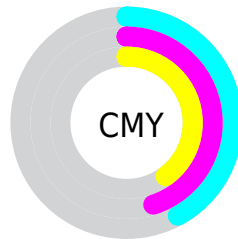


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2583, 27.3191, 33.5422 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 27.2583, 27.3191, 33.5422 by changing the saturation by 10% instead.

■ 27.2583, 27.3191,
33.5422

■ 27.2583, 27.3191,
33.5422

281.0504,
289.1988, 332.7925

■ 17.9049, 17.8130,
22.2676

■ 54.7150, 55.3955,
66.3469

■ 10.9810, 10.8158,
13.8535

■ 73.5491, 74.7346,
88.7140

■ 6.1213, 5.9431,
7.8812

■ 96.2741, 98.1202,
115.6158

■ 2.9603, 2.8105,
3.9324

123.2554,
125.9366, 147.4707

■ 1.1328, 1.0336,
1.5883

154.8583,
158.5683, 184.6972

■ 0.0523, 0.0000,
0.2825

191.4482,

■ 0.0000, 0.0000,

196.3996, 227.7141

0.0000

233.3904,
239.8150, 276.9396

■ 27.2583, 27.3191,
33.5422

■ 27.2583, 27.3191,
33.5422

■ 24.2924, 22.7182,
32.8109

■ 30.5727, 32.5566,
34.3789

■ 21.6597, 18.7253,
32.1789

■ 34.2456, 38.4512,
35.3230

■ 19.3470, 15.3144,
31.6424

■ 38.2894, 45.0264,
36.3791

■ 17.3396, 12.4566,
31.1966

■ 42.7152, 52.3039,
37.5505

■ 15.6211, 10.1202,
30.8362

■ 47.5336, 60.3041,
38.8407

■ 14.1737, 8.2703,
30.5555

■ 52.7548, 69.0467,
40.2530

■ 12.9774, 6.8678,
30.3478

■ 58.3886, 78.5507,
41.7906

■ 12.0089, 5.8670,
30.2057

■ 62.3012, 84.5478,
42.7419

■ 11.2260, 5.1841,
30.1151

■ 63.5766, 85.2052,
42.8016

Harmonies

Analogous

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



26.4334, 27.3191, 35.0064



27.2583, 27.3191, 33.5422



27.7426, 27.3191, 31.1023

Triad

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



27.2583, 27.3191, 33.5422



26.4354, 27.3191, 25.0420



24.2664, 27.3191, 31.0966

Complementary

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



27.2583, 27.3191, 33.5422



27.4646, 30.2800, 29.2095

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.



24.2669, 27.3191, 28.4294



27.2583, 27.3191, 33.5422



25.5041, 27.3191, 25.0407

Square

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



27.2583, 27.3191, 33.5422



27.2598, 27.3191, 26.2511



24.7152, 27.3191, 26.2473



24.7138, 27.3191, 33.5378

Rectangle

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



27.2583, 27.3191, 33.5422



27.7999, 27.3191, 29.3019



24.7152, 27.3191, 26.2473



24.2146, 27.3191, 30.1943

Sweetspot

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



27.2591, 27.3203, 33.5428



51.4625, 53.4943, 60.0467



26.4874, 27.8508, 33.6859



11.7135, 12.1850, 13.6521



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.



27.2591, 27.3203, 33.5428



47.4092, 47.1192, 59.0298



27.8490, 27.6413, 32.8067



6.2610, 6.2204, 7.7996



9.3158, 4.2535, 25.2377



0.1774, 0.0833, 0.3791

Inverse Universe

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



27.3620, 27.4465, 30.2427



47.6235, 47.3789, 52.2966



26.9120, 29.9796, 29.8821



6.2895, 6.2550, 6.9047



11.3657, 5.8005, 3.1848



0.1856, 0.0930, 0.1302

Previews

White Background



This preview shows how the XYZ color 27.2583, 27.3191, 33.5422 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 27.2583, 27.3191, 33.5422 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 27.2583, 27.3191, 33.5422

Background



This preview shows how black text looks on a background with the XYZ color 27.2583, 27.3191, 33.5422.

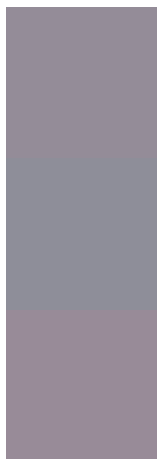


This preview shows how white text looks on a background with the XYZ color 27.2583, 27.3191,

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

27.2583, 27.3191, 33.5422

Protanopia

26.5781, 27.3967, 34.0243

Deuteranopia

27.8490, 27.4076, 33.5282



Tritanopia

27.1767, 27.2864, 33.1126

Trichromacy



Original Color

27.2583, 27.3191, 33.5422

Protanomaly

26.7762, 27.2790, 33.9911

Deuteranomaly

27.6626, 27.3115, 33.5194

Tritanomaly

27.1767, 27.2864, 33.1126

Monochromacy



Original Color

27.2583, 27.3191, 33.5422

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7660, 27.7712, 31.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2583, 27.3191, 33.5422 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(148, 140, 152) looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 152)  
}
```

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(148, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.2583, 27.3191, 33.5422 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(148, 140, 152) }
```


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

```
.border{ border-color:rgb(148, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2583, 27.3191, 33.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 152) }
```

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

```
.background{ background-color: rgb(148,  
140, 152) }
```

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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