

Converting Colors

XYZ(24.8889, 24.3256, 29.4062)

Have a look what the booklet for
XYZ(24.8889, 24.3256, 29.4062)
contains.

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Color

**XYZ(24.9283, 24.3268,
29.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	92838F
RGB	146, 131, 143
RGB Percent	57%, 51%, 56%
CMY	0.4274, 0.4863, 0.4392
CMYK	0.00, 0.10, 0.02, 0.43
HSL	312°, 6%, 54%
HSV	312°, 10%, 57%
XYZ	24.9283, 24.3268, 29.3683
YIQ	136.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

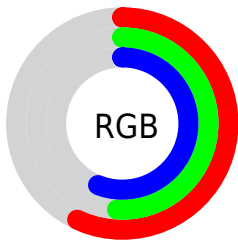
Format	Color
R_{YB}	146, 131, 143
Decimal	9601935
CIE Lab	56.41, 7.93, -4.37
CIE LCh	56, 9.051, 331.122
Yxy	24.3268, 0.3171, 0.3094
Android (android.graphics.Color)	4287792015 (0xFF92838F)
YUV	136.8530, 3.0305, 8.0219
Hunter-Lab	49.3222, 3.9031, -0.7780

Details

The XYZ color **24.9283, 24.3268, 29.3683** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9430, 27.1050, 26.5254**, and the grayscale version is **23.7105, 24.9453, 27.1655**.

A 20% lighter version of the original color is **51.0380, 50.5916, 59.8985**, and **9.7124, 9.2578, 11.6310** is the 20% darker color. If you saturate the color by 10%, you get **22.8858, 20.5909, 27.6103**, and if you desaturate by 10%, it is **27.2543, 28.6198, 31.2498**.

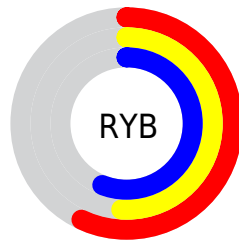
Distribution



Red (57%)

Green (51%)

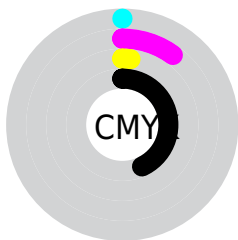
Blue (56%)



Red (57%)

Yellow (51%)

Blue (56%)

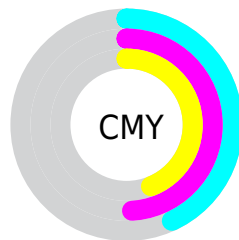


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9283, 24.3268, 29.3683 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 24.9283, 24.3268, 29.3683 by changing the saturation by 10% instead.

■ 24.9283, 24.3268,
29.3683

■ 24.9283, 24.3268,
29.3683

269.8349,
274.4685, 313.0639

■ 16.1521, 15.5762,
19.1116

■ 50.9846, 50.5630,
59.7109

■ 9.7234, 9.2248,
11.5733

■ 68.9954, 68.8173,
80.6339

■ 5.2768, 4.8881,
6.3349

■ 90.8152, 91.0084,
105.9494

■ 2.4470, 2.1817,
2.9777

116.8091,
117.5206, 136.0760

■ 0.8686, 0.7100,
1.0833

147.3428,
148.7384, 171.4322

■ 0.0000, 0.0000,
0.0000

182.7814,

185.0460, 212.4366

223.4903,
226.8279, 259.5076

■ 24.9283, 24.3268,
29.3683

■ 24.9283, 24.3268,
29.3683

■ 22.8858, 20.5909,
27.6103

■ 27.2543, 28.6198,
31.2498

■ 21.1131, 17.3860,
25.9702

■ 29.8726, 33.4883,
33.2571

■ 19.5987, 14.6884,
24.4441

■ 32.7941, 38.9540,
35.3943

■ 18.3292, 12.4716,
23.0275

■ 36.0286, 45.0362,
37.6648

■ 17.2900, 10.7065,
21.7152

■ 39.5855, 51.7537,
40.0721

■ 16.4651, 9.3612,
20.5016

■ 43.4737, 59.1243,
42.6193

■ 15.8363, 8.3992,
19.3806

■ 47.7017, 67.1649,
45.3094

■ 15.3822, 7.7779,
18.3446

■ 52.2780, 75.8922,
48.1454

■ 15.0531, 7.3906,
17.4000

■ 54.8025, 80.5064,
50.3276

Harmonies

Analogous

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



24.1772, 24.3268, 31.7315



24.9283, 24.3268, 29.3683



25.1918, 24.3268, 26.3751

Triad

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



24.9283, 24.3268, 29.3683



23.0825, 24.3268, 21.1357



21.4424, 24.3268, 29.5781

Complementary

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



24.9283, 24.3268, 29.3683



23.9430, 27.1050, 26.5254

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.



21.1686, 24.3268, 26.6007



24.9283, 24.3268, 29.3683



22.0978, 24.3268, 21.8560

Square

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



24.9283, 24.3268, 29.3683



24.1070, 24.3268, 21.7569



21.4049, 24.3268, 23.8020



22.1640, 24.3268, 31.8590

Rectangle

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



24.9283, 24.3268, 29.3683



25.0494, 24.3268, 24.4656



21.4049, 24.3268, 23.8020



21.2959, 24.3268, 28.6183

Sweetspot

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



24.9290, 24.3279, 29.3688



46.8840, 48.2758, 54.1800



23.1372, 23.3775, 30.4873



10.3593, 10.6090, 11.9964



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.9290, 24.3279, 29.3688



43.2279, 41.5411, 51.1810



24.3797, 24.1081, 26.4761



5.9861, 5.8895, 7.0330



13.2546, 6.5069, 15.3537



0.1724, 0.0837, 0.2414

Inverse Universe

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



24.9290, 24.3279, 29.3688



43.2279, 41.5411, 51.1810



24.4848, 27.3217, 29.3786



5.9861, 5.8895, 7.0330



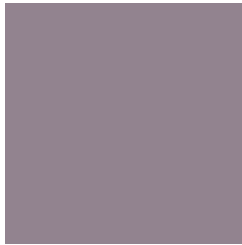
13.2546, 6.5069, 15.3537



0.1724, 0.0837, 0.2414

Previews

White Background



This preview shows how the XYZ color 24.9283, 24.3268, 29.3683 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 24.9283, 24.3268, 29.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

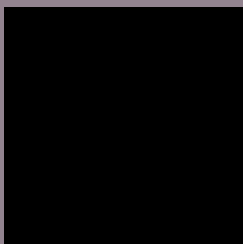
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

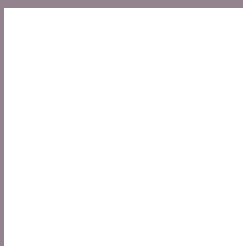
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9283, 24.3268, 29.3683

Background



This preview shows how black text looks on a background with the XYZ color 24.9283, 24.3268, 29.3683.



This preview shows how white text looks on a background with the XYZ color 24.9283, 24.3268,

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

24.9283, 24.3268, 29.3683

Protanopia

23.6276, 24.2454, 30.2226

Deuteranopia

24.7513, 24.2355, 29.3600



Tritanopia

24.8528, 24.2966, 28.9710

Trichromacy



Original Color

24.9283, 24.3268, 29.3683

Protanomaly

24.0690, 24.2776, 29.8030

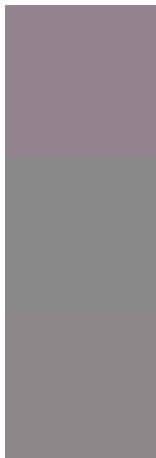
Deuteranomaly

24.7513, 24.2355, 29.3600

Tritanomaly

24.8528, 24.2966, 28.9710

Monochromacy



Original Color

24.9283, 24.3268, 29.3683

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1394, 24.7675, 27.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9283, 24.3268, 29.3683 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(146, 131, 143) looks like.

```
.text, #text, p{  
    color:rgb(146, 131, 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(146, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 131, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.9283, 24.3268, 29.3683 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(146, 131, 143) }
```


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

```
.border{ border-color:rgb(146, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 131,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9283, 24.3268, 29.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 131, 143) }
```

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

```
.background{ background-color: rgb(146,  
131, 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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