

Converting Colors

XYZ(24.0818, 25.0521, 27.6219)

Have a look what the booklet for
XYZ(24.0818, 25.0521, 27.6219)
contains.

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Color

**XYZ(24.0391, 24.9323,
27.5902)**

Conversions

Conversions Part 1

Format	Color
Hex	8B888A
RGB	139, 136, 138
RGB Percent	55%, 53%, 54%
CMY	0.4549, 0.4667, 0.4588
CMYK	0.00, 0.02, 0.01, 0.45
HSL	320°, 1%, 54%
HSV	320°, 2%, 55%
XYZ	24.0391, 24.9323, 27.5902
YIQ	137.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

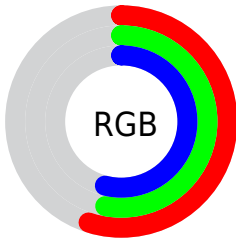
Format	Color
R_{YB}	139, 136, 138
Decimal	9144458
CIE Lab	57.01, 1.51, -0.68
CIE LCh	57, 1.652, 335.650
Yxy	24.9323, 0.3140, 0.3257
Android (android.graphics.Color)	4287334538 (0xFF8B888A)
YUV	137.1250, 0.4314, 1.6444
Hunter-Lab	49.9323, -1.4454, 2.1917

Details

The XYZ color **24.0391, 24.9323, 27.5902** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9023, 25.5063, 27.3317**, and the grayscale version is **23.8239, 25.0646, 27.2953**.

A 20% lighter version of the original color is **49.3398, 51.3632, 56.6038**, and **9.2091, 9.4840, 10.5777** is the 20% darker color. If you saturate the color by 10%, you get **21.8787, 21.1371, 25.2491**, and if you desaturate by 10%, it is **26.4692, 29.2432, 30.0926**.

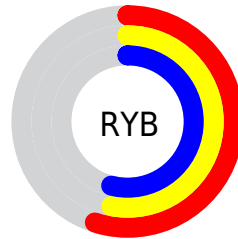
Distribution



Red (55%)

Green (53%)

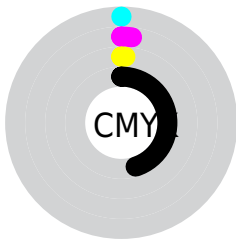
Blue (54%)



Red (55%)

Yellow (53%)

Blue (54%)

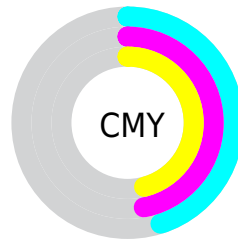


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0391, 24.9323, 27.5902 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 24.0391, 24.9323, 27.5902 by changing the saturation by 10% instead.

■ 24.0391, 24.9323,
27.5902

■ 24.0391, 24.9323,
27.5902

265.4549,
277.5006, 304.3536

■ 15.4875, 16.0266,
17.7806

■ 49.5482, 51.5474,
56.8447

■ 9.2508, 9.5430,
10.6248

■ 67.2364, 70.0256,
77.1267

■ 4.9635, 5.0970,
5.7042

■ 88.7010, 92.4634,
101.7366

■ 2.2604, 2.3043,
2.6002

114.3071,
119.2452, 131.0930

■ 0.7743, 0.7760,
0.8925

144.4202,
150.7554, 165.6143

■ 0.0000, 0.0000,
0.0000

179.4056,

187.3785, 205.7192

219.6287,
229.4988, 251.8261

■ 24.0391, 24.9323,
27.5902

■ 24.0391, 24.9323,
27.5902

■ 21.8787, 21.1371,
25.2491

■ 26.4692, 29.2432,
30.0926

■ 19.9760, 17.8348,
23.0634

■ 29.1761, 34.0850,
32.7585

■ 18.3211, 15.0060,
21.0293

■ 32.1695, 39.4762,
35.5923

■ 16.9029, 12.6284,
19.1422

■ 35.4578, 45.4336,
38.5978

■ 15.7093, 10.6781,
17.3971

■ 39.0492, 51.9730,
41.7783

■ 14.7269, 9.1289,
15.7887

■ 42.9515, 59.1099,
45.1373

■ 13.9411, 7.9517,
14.3110

■ 47.1721, 66.8590,
48.6781

■ 13.3353, 7.1136,
12.9575

■ 51.7184, 75.2346,
52.4038

■ 12.8898, 6.5756,
11.7207

■ 54.6189, 80.2936,
55.6582

Harmonies

Analogous

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



23.9156, 24.9323, 28.0250



24.0391, 24.9323, 27.5902



24.0708, 24.9323, 27.0419

Triad

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



24.0391, 24.9323, 27.5902



23.6607, 24.9323, 26.0970



23.3954, 24.9323, 27.7749

Complementary

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



24.0391, 24.9323, 27.5902



23.9023, 25.5063, 27.3317

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.



23.3279, 24.9323, 27.2524



24.0391, 24.9323, 27.5902



23.4805, 24.9323, 26.2876

Square

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



24.0391, 24.9323, 27.5902



23.8516, 24.9323, 26.1847



23.3590, 24.9323, 26.7086



23.5438, 24.9323, 28.1327

Rectangle

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



24.0391, 24.9323, 27.5902



24.0355, 24.9323, 26.6869



23.3590, 24.9323, 26.7086



23.3625, 24.9323, 27.6124

Sweetspot

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



24.0398, 24.9334, 27.5907



43.5197, 45.4796, 49.9033



23.7819, 24.7920, 27.9584



10.0344, 10.4909, 11.5057



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.0398, 24.9334, 27.5907



42.6792, 43.9954, 49.0167



23.9321, 24.8903, 27.0234



5.4387, 5.5839, 6.2490



11.3864, 5.6647, 9.8051



0.0825, 0.0404, 0.1010

Inverse Universe

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



24.0398, 24.9334, 27.5907



42.6792, 43.9954, 49.0167



24.0105, 25.5496, 27.9016



5.4387, 5.5839, 6.2490



11.3864, 5.6647, 9.8051



0.0825, 0.0404, 0.1010

Previews

White Background



This preview shows how the XYZ color 24.0391, 24.9323, 27.5902 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 24.0391, 24.9323, 27.5902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

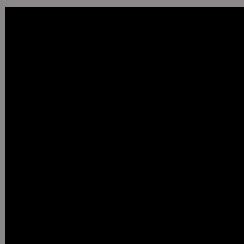
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

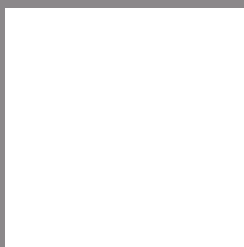
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0391, 24.9323, 27.5902

Background



This preview shows how black text looks on a background with the XYZ color 24.0391, 24.9323, 27.5902.



This preview shows how white text looks on a background with the XYZ color 24.0391, 24.9323,

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

24.0391, 24.9323, 27.5902

Protanopia

24.0391, 24.9323, 27.5902

Deuteranopia

25.3059, 24.7562, 27.8708



Tritanopia

24.5900, 24.9477, 30.3074

Trichromacy



Original Color

24.0391, 24.9323, 27.5902

Protanomaly

24.0391, 24.9323, 27.5902

Deuteranomaly

24.7248, 24.6589, 27.8826

Tritanomaly

24.3617, 24.8564, 29.1049

Monochromacy



Original Color

24.0391, 24.9323, 27.5902

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9422, 25.1007, 27.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0391, 24.9323, 27.5902 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(139, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 136, 138)  
}
```

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(139, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 136, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.0391, 24.9323, 27.5902 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(139, 136, 138) }
```


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

```
.border{ border-color:rgb(139, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(139, 136,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0391, 24.9323, 27.5902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 136, 138) }
```

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

```
.background{ background-color: rgb(139,  
136, 138) }
```

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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