

Converting Colors

XYZ(27.0515, 23.2145, 37.9279)

Have a look what the booklet for
XYZ(27.0515, 23.2145, 37.9279)
contains.

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Color

**XYZ(27.0376, 23.1452,
37.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	9C78A3
RGB	156, 120, 163
RGB Percent	61%, 47%, 64%
CMY	0.3882, 0.5294, 0.3608
CMYK	0.04, 0.26, 0.00, 0.36
HSL	290°, 19%, 55%
HSV	290°, 26%, 64%
XYZ	27.0376, 23.1452, 37.6928
YIQ	135.6660, 7.6530, 21.0050

Conversions

Conversions Part 2

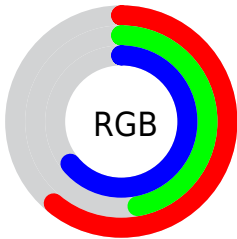
Format	Color
R _{YB}	156, 120, 163
Decimal	10254499
CIE _{Lab}	55.22, 21.85, -17.64
CIE _{LCh}	55, 28.076, 321.089
Yxy	23.1452, 0.3077, 0.2634
Android (android.graphics.Color)	4288444579 (0xFF9C78A3)
YUV	135.6660, 13.4757, 17.8329
Hunter-Lab	48.1095, 16.1258, -12.7759

Details

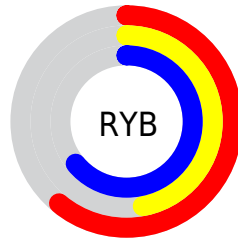
The XYZ color **27.0376, 23.1452, 37.6928** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.2406, 32.0631, 22.6289**, and the grayscale version is **23.2268, 24.4364, 26.6112**.

A 20% lighter version of the original color is **54.4624, 48.7980, 72.8781**, and **10.8314, 8.5972, 16.1275** is the 20% darker color. If you saturate the color by 10%, you get **24.7340, 19.2916, 37.0707**, and if you desaturate by 10%, it is **29.6876, 27.6740, 38.4276**.

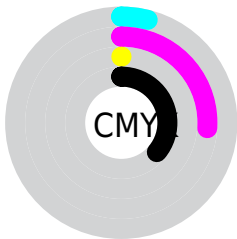
Distribution



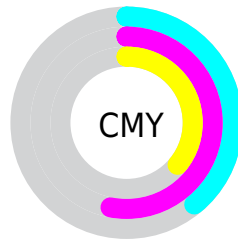
- Red (61%)
- Green (47%)
- Blue (64%)



- Red (61%)
- Yellow (47%)
- Blue (64%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0376, 23.1452, 37.6928 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 27.0376, 23.1452, 37.6928 by changing the saturation by 10% instead.

■ 27.0376, 23.1452,
37.6928

■ 27.0376, 23.1452,
37.6928

280.0034,
268.4699, 351.5589

■ 17.7382, 14.7008,
25.4444

■ 54.3637, 48.6316,
72.8352

■ 10.8607, 8.6096,
16.1864

■ 73.1210, 66.4424,
96.5663

■ 6.0399, 4.4875,
9.5004

■ 95.7618, 88.1441,
124.9620

■ 2.9102, 1.9498,
4.9677

122.6512,
114.1211, 158.4409

■ 1.1065, 0.5781,
2.1699

154.1547,
144.7578, 197.4215

■ 0.0305, 0.0000,
0.6569

190.6377,

■ 0.0000, 0.0000,

180.4385, 242.3223

0.0000

232.4655,
221.5478, 293.5620

■ 27.0376, 23.1452,
37.6928

■ 27.0376, 23.1452,
37.6928

■ 24.7340, 19.2916,
37.0707

■ 29.6876, 27.6740,
38.4276

■ 22.7576, 16.0763,
36.5543

■ 32.6975, 32.9065,
39.2789

■ 21.0908, 13.4637,
36.1379

■ 36.0830, 38.8730,
40.2522

■ 19.7131, 11.4130,
35.8147

■ 39.8578, 45.6013,
41.3519

■ 18.6018, 9.8788,
35.5771

■ 44.0352, 53.1178,
42.5826

■ 17.7303, 8.8083,
35.4164

■ 48.6278, 61.4475,
43.9483

■ 17.0615, 8.1269,
35.3201

■ 53.6476, 70.6143,
45.4531

■ 16.8399, 7.9176,
35.2914

■ 59.1062, 80.6412,
47.1008

■ 61.1662, 83.8537,
47.6123

Harmonies

Analogous

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



24.2429, 23.1452, 45.0149



27.0376, 23.1452, 37.6928



28.5168, 23.1452, 27.9748

Triad

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



27.0376, 23.1452, 37.6928



22.9471, 23.1452, 11.6907



16.8341, 23.1452, 31.9468

Complementary

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



27.0376, 23.1452, 37.6928



25.2406, 32.0631, 22.6289

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.



16.5584, 23.1452, 22.6173



27.0376, 23.1452, 37.6928



19.8977, 23.1452, 12.2688

Square

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



27.0376, 23.1452, 37.6928



26.0120, 23.1452, 14.0016



17.6285, 23.1452, 15.8282



18.4213, 23.1452, 41.1869

Rectangle

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



27.0376, 23.1452, 37.6928



28.4695, 23.1452, 22.0205



17.6285, 23.1452, 15.8282



16.5914, 23.1452, 28.6743

Sweetspot

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



27.0383, 23.1462, 37.6933



57.5559, 57.1796, 70.0594



21.9685, 21.8603, 37.7123



12.7453, 12.5256, 15.6835



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.0383, 23.1462, 37.6933



45.7874, 37.0242, 66.7892



27.2197, 23.3798, 31.3733



7.2506, 7.1436, 8.8998



13.1197, 6.1699, 27.4292



0.3040, 0.1443, 0.5777

Inverse Universe

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



25.6523, 22.7528, 23.1196



42.9241, 36.2328, 35.7187



25.1701, 31.9186, 27.5116



7.1186, 7.1039, 7.6111



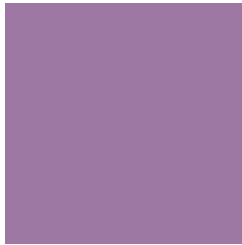
11.9002, 6.1161, 1.3992



0.2626, 0.1335, 0.0954

Previews

White Background



This preview shows how the XYZ color 27.0376, 23.1452, 37.6928 looks on a white background.

Color Contrast Check

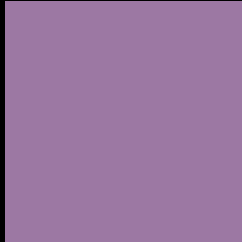
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0376, 23.1452, 37.6928 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 27.0376, 23.1452, 37.6928

Background



This preview shows how black text looks on a background with the XYZ color 27.0376, 23.1452, 37.6928.



This preview shows how white text looks on a background with the XYZ color 27.0376, 23.1452,

37.6928.

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

27.0376, 23.1452, 37.6928

Protanopia

23.4930, 23.3104, 41.7892

Deuteranopia

23.7757, 23.3638, 36.9748



Tritanopia

24.6557, 23.0919, 26.0794

Trichromacy



Original Color

27.0376, 23.1452, 37.6928

Protanomaly

24.4888, 23.0742, 40.2089

Deuteranomaly

24.7977, 23.1058, 37.3353

Tritanomaly

25.3307, 22.9826, 29.8891

Monochromacy



Original Color

27.0376, 23.1452, 37.6928

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4986, 23.8802, 30.5123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0376, 23.1452, 37.6928 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(156, 120, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 120, 163)  
}
```

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(156, 120, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 120, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.0376, 23.1452, 37.6928 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(156, 120, 163) }
```


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

```
.border{ border-color:rgb(156, 120, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 120, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 120, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 120, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 120,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0376, 23.1452, 37.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 120, 163) }
```

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

```
.background{ background-color: rgb(156,  
120, 163) }
```

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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