

Converting Colors

XYZ(27.4433, 23.3038, 41.9595)

Have a look what the booklet for
XYZ(27.4433, 23.3038, 41.9595)
contains.

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Color

**XYZ(27.4893, 23.2815,
42.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	9A78AC
RGB	154, 120, 172
RGB Percent	60%, 47%, 67%
CMY	0.3961, 0.5294, 0.3255
CMYK	0.10, 0.30, 0.00, 0.33
HSL	279°, 24%, 57%
HSV	279°, 30%, 67%
XYZ	27.4893, 23.2815, 42.0747
YIQ	136.0940, 3.5720, 23.3800

Conversions

Conversions Part 2

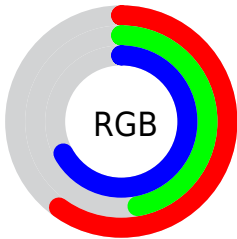
Format	Color
R_{YB}	154, 120, 172
Decimal	10123436
CIE _{Lab}	55.36, 23.07, -22.64
CIE _{LCh}	55, 32.319, 315.537
Yxy	23.2815, 0.2961, 0.2508
Android (android.graphics.Color)	4288313516 (0xFF9A78AC)
YUV	136.0940, 17.7017, 15.7036
Hunter-Lab	48.2509, 17.2552, -17.9251

Details

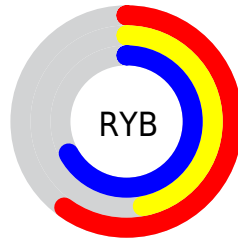
The XYZ color **27.4893, 23.2815, 42.0747** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.6247, 36.2650, 23.2615**, and the grayscale version is **23.3724, 24.5896, 26.7781**.

A 20% lighter version of the original color is **55.2417, 49.0439, 79.9537**, and **11.1229, 8.6873, 18.8599** is the 20% darker color. If you saturate the color by 10%, you get **24.4985, 18.9403, 41.3948**, and if you desaturate by 10%, it is **30.9094, 28.3968, 42.8821**.

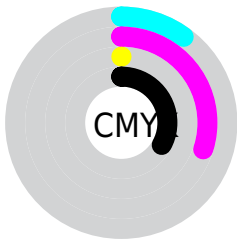
Distribution



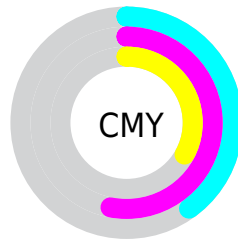
- Red (60%)
- Green (47%)
- Blue (67%)



- Red (60%)
- Yellow (47%)
- Blue (67%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4893, 23.2815, 42.0747 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 27.4893, 23.2815, 42.0747 by changing the saturation by 10% instead.

■ 27.4893, 23.2815,
42.0747

■ 27.4893, 23.2815,
42.0747

282.1430,
269.1676, 370.6013

■ 18.0795, 14.8015,
28.8338

■ 55.0824, 48.8551,
79.5840

■ 11.1071, 8.6802,
18.7106

■ 73.9965, 66.7176,
104.6894

■ 6.2068, 4.5332,
11.2867

■ 96.8093, 88.4763,
134.5868

■ 3.0131, 1.9761,
6.1434

123.8863,
114.5156, 169.6946

■ 1.1607, 0.5935,
2.8623

155.5928,
145.2200, 210.4314

■ 0.0750, 0.0000,
1.0248

192.2942,

■ 0.0000, 0.0000,

180.9739, 257.2158

0.0000

234.3558,
222.1616, 310.4662

■ 27.4893, 23.2815,
42.0747

■ 27.4893, 23.2815,
42.0747

■ 24.4985, 18.9403,
41.3948

■ 30.9094, 28.3968,
42.8821

■ 21.9141, 15.3300,
40.8341

■ 34.7757, 34.3204,
43.8217

■ 19.7141, 12.4077,
40.3860

■ 39.1069, 41.0881,
44.8998

■ 17.8737, 10.1246,
40.0423

■ 43.9200, 48.7327,
46.1216

■ 16.3644, 8.4252,
39.7939

■ 49.2310, 57.2850,
47.4925

15.1529, 7.2445,
39.6298

55.0552, 66.7746,
49.0172

14.1875, 6.4537,
39.5281

61.4070, 77.2295,
50.7004

67.4643, 87.0040,
52.2678

69.1028, 87.8486,
52.3445

Harmonies

Analogous

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



24.0498, 23.2815, 49.8782



27.4893, 23.2815, 42.0747



29.5931, 23.2815, 30.6733

Triad

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



27.4893, 23.2815, 42.0747



23.9166, 23.2815, 10.5090



16.0654, 23.2815, 31.0859

Complementary

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



27.4893, 23.2815, 42.0747



28.6247, 36.2650, 23.2615

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.



16.0380, 23.2815, 20.6805



27.4893, 23.2815, 42.0747



20.3121, 23.2815, 10.5630

Square

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



27.4893, 23.2815, 42.0747



27.3826, 23.2815, 13.5981



17.5141, 23.2815, 13.7736



17.5933, 23.2815, 42.4470

Rectangle

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



27.4893, 23.2815, 42.0747



29.8225, 23.2815, 23.4705



17.5141, 23.2815, 13.7736



15.8864, 23.2815, 27.3264

Sweetspot

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



27.4901, 23.2825, 42.0752



63.8873, 63.5008, 79.6954



24.3102, 25.2070, 42.6143



13.6549, 13.4451, 17.2631



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.4901, 23.2825, 42.0752



46.3027, 37.0283, 75.5125



30.4493, 24.8921, 38.4171



8.0638, 8.0072, 10.0732



10.6185, 4.8339, 29.4179



0.3512, 0.1633, 0.8210

Inverse Universe

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



28.3179, 24.0395, 27.1932



48.1859, 38.7041, 43.7494



26.3822, 35.0520, 25.7293



8.1154, 8.0594, 8.9186



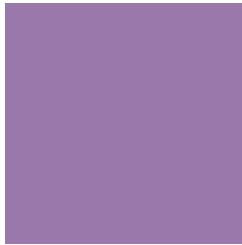
13.2823, 6.7755, 3.8659



0.3957, 0.1990, 0.2457

Previews

White Background



This preview shows how the XYZ color 27.4893, 23.2815, 42.0747 looks on a white background.

Color Contrast Check

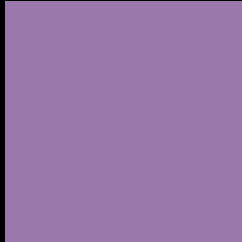
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4893, 23.2815, 42.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

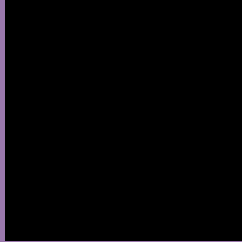
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4893, 23.2815, 42.0747

Background



This preview shows how black text looks on a background with the XYZ color 27.4893, 23.2815, 42.0747.



This preview shows how white text looks on a background with the XYZ color 27.4893, 23.2815,

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

27.4893, 23.2815, 42.0747

Protanopia

23.9623, 23.4498, 46.4433

Deuteranopia

23.8425, 23.3032, 41.2715



Tritanopia

24.4992, 23.3744, 26.8874

Trichromacy



Original Color

27.4893, 23.2815, 42.0747

Protanomaly

25.0409, 23.2586, 44.7645

Deuteranomaly

24.9649, 23.0962, 41.6703

Tritanomaly

25.4752, 23.1966, 31.9889

Monochromacy



Original Color

27.4893, 23.2815, 42.0747

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7351, 23.9748, 31.7577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4893, 23.2815, 42.0747 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(154, 120, 172)` looks like.

```
.text, #text, p{  
    color:rgb(154, 120, 172)  
}
```

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(154, 120, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 120, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.4893, 23.2815, 42.0747 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(154, 120, 172) }
```


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

```
.border{ border-color:rgb(154, 120, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 120, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 120, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 120, 172);  
box-shadow:4px 4px 4px 4px rgb(154, 120,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4893, 23.2815, 42.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 120, 172) }
```

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

```
.background{ background-color: rgb(154,  
120, 172) }
```

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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