

Converting Colors

XYZ(27.3072, 23.8876, 44.2956)

Have a look what the booklet for
XYZ(27.3072, 23.8876, 44.2956)
contains.

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Color

**XYZ(27.2569, 23.8458,
44.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	947CB0
RGB	148, 124, 176
RGB Percent	58%, 49%, 69%
CMY	0.4196, 0.5137, 0.3098
CMYK	0.16, 0.30, 0.00, 0.31
HSL	268°, 25%, 59%
HSV	268°, 30%, 69%
XYZ	27.2569, 23.8458, 44.2404
YIQ	137.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

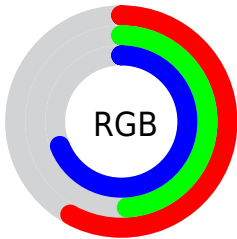
Format	Color
RYB	148, 124, 176
Decimal	9731248
CIELab	55.93, 19.67, -24.11
CIELCh	56, 31.114, 309.205
Yxy	23.8458, 0.2859, 0.2501
Android (android.graphics.Color)	4287921328 (0xFF947CB0)
YUV	137.1040, 19.1757, 9.5558
Hunter-Lab	48.8322, 14.1780, -19.5324

Details

The XYZ color **27.2569, 23.8458, 44.2404** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.1130, 39.1819, 24.9401**, and the grayscale version is **23.7483, 24.9850, 27.2087**.

A 20% lighter version of the original color is **54.9162, 49.9670, 83.0941**, and **11.0210, 9.0036, 19.8959** is the 20% darker color. If you saturate the color by 10%, you get **23.6005, 18.9741, 43.4932**, and if you desaturate by 10%, it is **31.4489, 29.5791, 45.1265**.

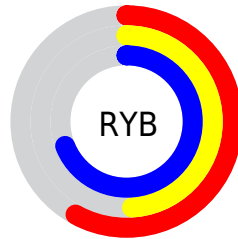
Distribution



Red (58%)

Green (49%)

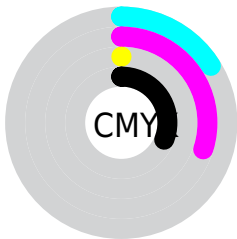
Blue (69%)



Red (58%)

Yellow (49%)

Blue (69%)

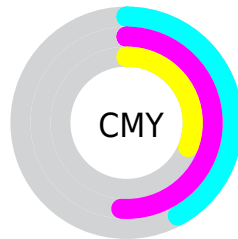


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2569, 23.8458, 44.2404 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 27.2569, 23.8458, 44.2404 by changing the saturation by 10% instead.

■ 27.2569, 23.8458,
44.2404

■ 27.2569, 23.8458,
44.2404

281.0438,
272.0400, 379.7584

■ 17.9038, 15.2193,
30.5210

■ 54.7128, 49.7785,
82.8857

■ 10.9802, 8.9734,
19.9790

■ 73.5464, 67.8534,
108.6486

■ 6.1207, 4.7239,
12.1958

■ 96.2708, 89.8465,
139.2632

■ 2.9600, 2.0862,
6.7530

123.2515,
116.1423, 175.1478

■ 1.1326, 0.6568,
3.2320

154.8538,
147.1252, 216.7211

■ 0.0522, 0.0000,
1.2143

191.4430,

■ 0.0000, 0.0000,

183.1795, 264.4016

0.0000

233.3846,
224.6896, 318.6079

■ 27.2569, 23.8458,
44.2404

■ 27.2569, 23.8458,
44.2404

■ 23.6005, 18.9741,
43.4932

■ 31.4489, 29.5791,
45.1265

■ 20.4531, 14.9175,
42.8760

■ 36.1967, 36.2116,
46.1564

■ 17.7891, 11.6294,
42.3818

■ 41.5224, 43.7819,
47.3370

■ 15.5794, 9.0572,
42.0018

■ 47.4461, 52.3258,
48.6739

■ 13.7915, 7.1412,
41.7262

■ 53.9867, 61.8770,
50.1727

■ 12.3876, 5.8117,
41.5435

■ 61.1625, 72.4676,
51.8387

■ 11.2957, 4.9308,
41.4311

■ 68.9908, 84.1282,
53.6769

■ 11.2497, 4.8942,
41.4264

■ 74.2806, 90.4728,
54.6227

■ 77.2972, 92.0279,
54.7639

Harmonies

Analogous

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



23.7738, 23.8458, 50.4243



27.2569, 23.8458, 44.2404



29.6604, 23.8458, 33.5379

Triad

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



27.2569, 23.8458, 44.2404



25.1744, 23.8458, 11.6456



16.5746, 23.8458, 29.2169

Complementary

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



27.2569, 23.8458, 44.2404



32.1130, 39.1819, 24.9401

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.



16.8658, 23.8458, 19.6260



27.2569, 23.8458, 44.2404



21.5907, 23.8458, 11.0573

Square

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



27.2569, 23.8458, 44.2404



28.3737, 23.8458, 15.4675



18.6197, 23.8458, 13.5748



17.7780, 23.8458, 40.3778

Rectangle

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



27.2569, 23.8458, 44.2404



30.1946, 23.8458, 26.2362



18.6197, 23.8458, 13.5748



16.5039, 23.8458, 25.6937

Sweetspot

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



27.2577, 23.8468, 44.2409



66.0019, 66.1738, 83.7894



27.4753, 30.0723, 45.4311



14.0227, 13.9451, 18.0969



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.2577, 23.8468, 44.2409



45.2979, 37.7056, 79.3857



32.3670, 26.4807, 44.4800



8.4023, 8.4159, 10.6879



8.3202, 3.6250, 30.3982



0.3293, 0.1489, 0.9596

Inverse Universe

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



30.7804, 25.9133, 33.0861



52.8099, 42.1154, 55.4633



27.8571, 36.9879, 24.7410



8.6813, 8.5792, 9.8200



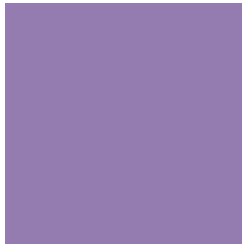
14.6745, 7.3874, 8.7121



0.4908, 0.2441, 0.4272

Previews

White Background



This preview shows how the XYZ color 27.2569, 23.8458, 44.2404 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 27.2569, 23.8458, 44.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

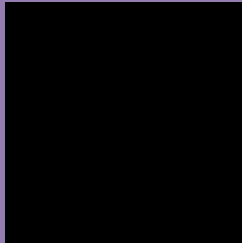
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2569, 23.8458, 44.2404

Background



This preview shows how black text looks on a background with the XYZ color 27.2569, 23.8458, 44.2404.



This preview shows how white text looks on a background with the XYZ color 27.2569, 23.8458,

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

27.2569, 23.8458, 44.2404

Protanopia

24.4405, 23.8730, 47.5758

Deuteranopia

24.4954, 23.9941, 43.3847



Tritanopia

24.0793, 23.9065, 28.5446

Trichromacy



Original Color

27.2569, 23.8458, 44.2404

Protanomaly

25.2944, 23.7416, 46.4295

Deuteranomaly

25.4196, 23.8640, 43.8239

Tritanomaly

25.0535, 23.7007, 33.8261

Monochromacy



Original Color

27.2569, 23.8458, 44.2404

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8217, 24.3996, 32.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2569, 23.8458, 44.2404 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, 124, 176)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 176)  
}
```

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, 124, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.2569, 23.8458, 44.2404 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, 124, 176) }
```


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

```
.border{ border-color:rgb(148, 124, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 176);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2569, 23.8458, 44.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 176) }
```

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

```
.background{ background-color: rgb(148,  
124, 176) }
```

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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