

Converting Colors

XYZ(27.7162, 24.2994, 39.1342)

Have a look what the booklet for
XYZ(27.7162, 24.2994, 39.1342)
contains.

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Color

**XYZ(27.7341, 24.3890,
39.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7DA6
RGB	155, 125, 166
RGB Percent	61%, 49%, 65%
CMY	0.3922, 0.5098, 0.3490
CMYK	0.07, 0.25, 0.00, 0.35
HSL	284°, 19%, 57%
HSV	284°, 25%, 65%
XYZ	27.7341, 24.3890, 39.3222
YIQ	138.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

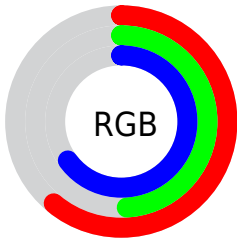
Format	Color
R_{YB}	155, 125, 166
Decimal	10190246
CIE _{Lab}	56.48, 19.24, -17.47
CIE _{LCh}	56, 25.990, 317.767
Yxy	24.3890, 0.3033, 0.2667
Android (android.graphics.Color)	4288380326 (0xFF9B7DA6)
YUV	138.6440, 13.4865, 14.3442
Hunter-Lab	49.3852, 13.8192, -12.6391

Details

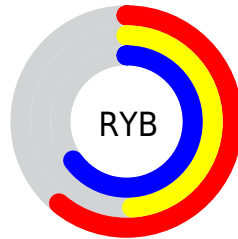
The XYZ color **27.7341, 24.3890, 39.3222** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.4922, 33.9880, 24.5146**, and the grayscale version is **24.3531, 25.6214, 27.9017**.

A 20% lighter version of the original color is **55.5499, 50.7629, 75.2770**, and **11.2152, 9.2674, 17.1173** is the 20% darker color. If you saturate the color by 10%, you get **24.9669, 20.0997, 38.6405**, and if you desaturate by 10%, it is **30.8856, 29.3990, 40.1235**.

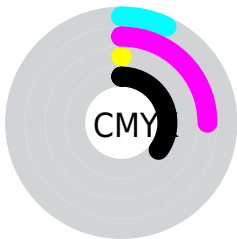
Distribution



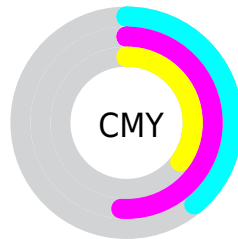
- Red (61%)
- Green (49%)
- Blue (65%)



- Red (61%)
- Yellow (49%)
- Blue (65%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7341, 24.3890, 39.3222 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 27.7341, 24.3890, 39.3222 by changing the saturation by 10% instead.

■ 27.7341, 24.3890,
39.3222

■ 27.7341, 24.3890,
39.3222

283.2973,
274.7813, 358.7252

■ 18.2647, 15.6224,
26.7007

■ 55.4713, 50.6643,
75.3560

■ 11.2411, 9.2574,
17.1181

■ 74.4698, 68.9417,
99.6055

■ 6.2977, 4.9094,
10.1559

■ 97.3754, 91.1583,
128.5679

■ 3.0693, 2.1942,
5.3955

124.5534,
117.6983, 162.6620

■ 1.1905, 0.7168,
2.4184

156.3693,
148.9463, 202.3063

■ 0.0989, 0.0000,
0.7964

193.1883,

■ 0.0000, 0.0000,

185.2865, 247.9192

0.0000

235.3759,
227.1033, 299.9193

■ 27.7341, 24.3890,
39.3222

■ 27.7341, 24.3890,
39.3222

■ 24.9669, 20.0997,
38.6405

■ 30.8856, 29.3990,
40.1235

■ 22.5638, 16.4930,
38.0710

■ 34.4357, 35.1593,
41.0482

■ 20.5065, 13.5319,
37.6079

■ 38.4006, 41.7016,
42.1020

■ 18.7736, 11.1746,
37.2442

■ 42.7951, 49.0546,
43.2897

■ 17.3416, 9.3741,
36.9721

■ 47.6330, 57.2459,
44.6158

16.1832, 8.0766,
36.7828

52.9277, 66.3014,
46.0846

15.2653, 7.2163,
36.6651

58.6918, 76.2462,
47.7004

14.8331, 6.8516,
36.6175

64.0365, 85.3019,
49.1666

65.1709, 85.8868,
49.2197

Harmonies

Analogous

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



24.9917, 24.3890, 45.6665



27.7341, 24.3890, 39.3222



29.3075, 24.3890, 30.2234

Triad

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



27.7341, 24.3890, 39.3222



24.4286, 24.3890, 13.4306



18.0963, 24.3890, 31.9394

Complementary

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



27.7341, 24.3890, 39.3222



27.4922, 33.9880, 24.5146

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.



17.9740, 24.3890, 23.1970



27.7341, 24.3890, 39.3222



21.4600, 24.3890, 13.6952

Square

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



27.7341, 24.3890, 39.3222



27.2913, 24.3890, 16.0793



19.1557, 24.3890, 16.9027



19.5056, 24.3890, 40.8102

Rectangle

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



27.7341, 24.3890, 39.3222



29.3991, 24.3890, 24.3785



19.1557, 24.3890, 16.9027



17.9080, 24.3890, 28.8583

Sweetspot

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



27.7349, 24.3900, 39.3227



60.8610, 61.1380, 74.0684



24.2327, 24.8968, 39.6051



13.5364, 13.5461, 16.5533



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.7349, 24.3900, 39.3227



47.3093, 39.5477, 70.6153



29.1560, 25.2136, 35.2812



7.6426, 7.5639, 9.4755



11.5482, 5.3368, 28.3969



0.3257, 0.1529, 0.6930

Inverse Universe

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



27.5043, 24.5529, 26.5834



46.9022, 39.9518, 42.8600



26.3895, 33.3510, 27.5593



7.6107, 7.5741, 8.2672



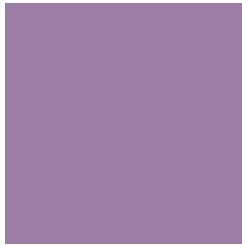
12.5723, 6.4376, 2.5592



0.3267, 0.1649, 0.1718

Previews

White Background



This preview shows how the XYZ color 27.7341, 24.3890, 39.3222 looks on a white background.

Color Contrast Check

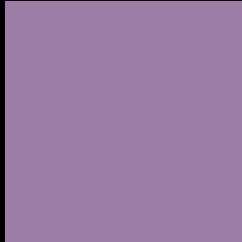
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7341, 24.3890, 39.3222 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 27.7341, 24.3890, 39.3222

Background



This preview shows how black text looks on a background with the XYZ color 27.7341, 24.3890, 39.3222.



This preview shows how white text looks on a background with the XYZ color 27.7341, 24.3890,

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

27.7341, 24.3890, 39.3222

Protanopia

24.5757, 24.4644, 42.4565

Deuteranopia

25.0106, 24.5600, 39.0197



Tritanopia

25.4788, 24.4380, 28.1851

Trichromacy



Original Color

27.7341, 24.3890, 39.3222

Protanomaly

25.6885, 24.4532, 41.3962

Deuteranomaly

25.9295, 24.4327, 38.9467

Tritanomaly

26.0929, 24.2837, 31.7457

Monochromacy



Original Color

27.7341, 24.3890, 39.3222

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.6270, 25.2399, 31.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7341, 24.3890, 39.3222 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(155, 125, 166)` looks like.

```
.text, #text, p{  
    color:rgb(155, 125, 166)  
}
```

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(155, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 125, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.7341, 24.3890, 39.3222 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(155, 125, 166) }
```


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

```
.border{ border-color:rgb(155, 125, 166) }
```

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

Here you see how a box with a 4 pixel rgb(155, 125, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(155, 125,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7341, 24.3890, 39.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 125, 166) }
```

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

```
.background{ background-color: rgb(155,  
125, 166) }
```

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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