

Converting Colors

XYZ(27.3584, 22.3549, 37.7523)

Have a look what the booklet for
XYZ(27.3584, 22.3549, 37.7523)
contains.

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Color

**XYZ(27.4395, 22.4829,
37.5437)**

Conversions

Conversions Part 1

Format	Color
Hex	A173A3
RGB	161, 115, 163
RGB Percent	63%, 45%, 64%
CMY	0.3686, 0.5490, 0.3608
CMYK	0.01, 0.29, 0.00, 0.36
HSL	298°, 21%, 55%
HSV	298°, 29%, 64%
XYZ	27.4395, 22.4829, 37.5437
YIQ	134.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

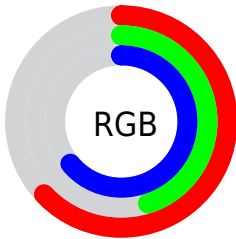
Format	Color
RYB	161, 115, 163
Decimal	10580899
CIELab	54.54, 26.42, -18.63
CIELCh	55, 32.333, 324.812
Yxy	22.4829, 0.3137, 0.2570
Android (android.graphics.Color)	4288770979 (0xFFA173A3)
YUV	134.2260, 14.1856, 23.4808
Hunter-Lab	47.4161, 20.3189, -13.7540

Details

The XYZ color **27.4395, 22.4829, 37.5437** is a light color, and the websafe version is hex **996699**. A complement of this color would be **23.5286, 31.2147, 21.0058**, and the grayscale version is **22.6901, 23.8717, 25.9963**.

A 20% lighter version of the original color is **54.9764, 47.6661, 72.6326**, and **11.1241, 8.2953, 16.0538** is the 20% darker color. If you saturate the color by 10%, you get **25.6064, 19.0188, 36.9720**, and if you desaturate by 10%, it is **29.6035, 26.6066, 38.2259**.

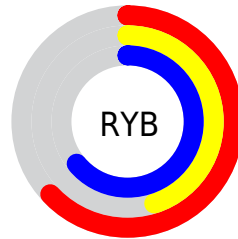
Distribution



Red (63%)

Green (45%)

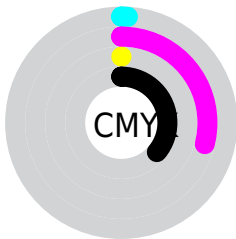
Blue (64%)



Red (63%)

Yellow (45%)

Blue (64%)

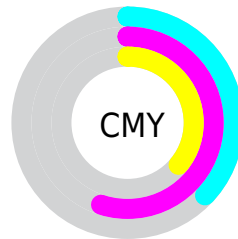


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4395, 22.4829, 37.5437 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 27.4395, 22.4829, 37.5437 by changing the saturation by 10% instead.

■ 27.4395, 22.4829,
37.5437

■ 27.4395, 22.4829,
37.5437

281.9078,
265.0578, 350.8978

■ 18.0419, 14.2122,
25.3297

■ 55.0032, 47.5428,
72.6039

■ 11.0799, 8.2684,
16.1016

■ 73.9001, 65.1008,
96.2870

■ 6.1883, 4.2672,
9.4409

■ 96.6940, 86.5233,
124.6304

■ 3.0017, 1.8241,
4.9292

■ 123.7504,
112.1948, 158.0524

■ 1.1546, 0.5021,
2.1477

155.4346,
142.4996, 196.9716

■ 0.0701, 0.0000,
0.6440

192.1120,

■ 0.0000, 0.0000,

177.8221, 241.8065

0.0000

234.1479,
218.5467, 292.9757

■ 27.4395, 22.4829,
37.5437

■ 27.4395, 22.4829,
37.5437

■ 25.6064, 19.0188,
36.9720

■ 29.6035, 26.6066,
38.2259

■ 24.0846, 16.1768,
36.5037

■ 32.1122, 31.4192,
39.0226

■ 22.8560, 13.9201,
36.1328

■ 34.9813, 36.9515,
39.9393

■ 21.8997, 12.2068,
35.8525

■ 38.2250, 43.2318,
40.9805

■ 21.1919, 10.9894,
35.6548

■ 41.8566, 50.2868,
42.1509

■ 20.7048, 10.2123,
35.5305

■ 45.8887, 58.1419,
43.4545

■ 20.3789, 9.7566,
35.4597

■ 50.3336, 66.8213,
44.8955

■ 20.3618, 9.7332,
35.4561

■ 55.2028, 76.3481,
46.4778

■ 58.3311, 82.3922,
47.4795

Harmonies

Analogous

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



24.3599, 22.4829, 46.8241



27.4395, 22.4829, 37.5437



28.9036, 22.4829, 26.2884

Triad

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



27.4395, 22.4829, 37.5437



21.9918, 22.4829, 9.7290



15.7591, 22.4829, 33.6219

Complementary

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



27.4395, 22.4829, 37.5437



23.5286, 31.2147, 21.0058

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.



15.2733, 22.4829, 22.7566



27.4395, 22.4829, 37.5437



18.6341, 22.4829, 10.6900

Square

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



27.4395, 22.4829, 37.5437



25.5438, 22.4829, 11.7388



16.2677, 22.4829, 14.8642



17.6764, 22.4829, 44.1559

Rectangle

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



27.4395, 22.4829, 37.5437



28.6614, 22.4829, 19.8200



16.2677, 22.4829, 14.8642



15.4326, 22.4829, 29.8186

Sweetspot

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



27.4402, 22.4839, 37.5442



57.6444, 56.5275, 69.9288



20.0901, 19.1063, 37.2796



12.7966, 12.4073, 15.6579



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.



27.4402, 22.4839, 37.5442



47.0380, 36.2821, 66.5801



26.0733, 21.9840, 28.2256



7.3350, 7.1871, 8.9037



15.8345, 7.5695, 27.5563



0.3410, 0.1633, 0.5794

Inverse Universe

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



24.4467, 21.3334, 19.6600



40.8602, 33.9126, 29.4586



24.6549, 31.6345, 28.3243



7.0852, 7.0905, 7.4349



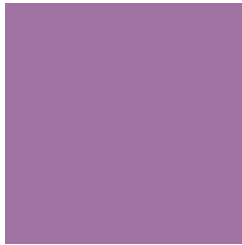
11.7720, 6.0649, 0.7241



0.2507, 0.1288, 0.0330

Previews

White Background



This preview shows how the XYZ color 27.4395, 22.4829, 37.5437 looks on a white background.

Color Contrast Check

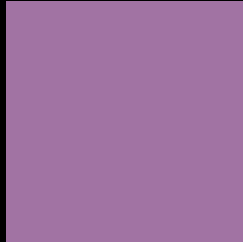
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4395, 22.4829, 37.5437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

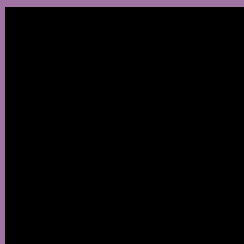
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4395, 22.4829, 37.5437

Background



This preview shows how black text looks on a background with the XYZ color 27.4395, 22.4829, 37.5437.



This preview shows how white text looks on a background with the XYZ color 27.4395, 22.4829,

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

27.4395, 22.4829, 37.5437

Protanopia

23.0008, 22.6396, 42.6928

Deuteranopia

23.0543, 22.6007, 36.8655



Tritanopia

24.8387, 22.4815, 24.5030

Trichromacy



Original Color

27.4395, 22.4829, 37.5437

Protanomaly

24.2006, 22.3482, 40.5742

Deuteranomaly

24.4198, 22.3500, 37.2093

Tritanomaly

25.6553, 22.4459, 28.9669

Monochromacy



Original Color

27.4395, 22.4829, 37.5437

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.2018, 23.1524, 29.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4395, 22.4829, 37.5437 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(161, 115, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 115, 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(161, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 115, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.4395, 22.4829, 37.5437 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(161, 115, 163) }
```


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

```
.border{ border-color:rgb(161, 115, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 115,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4395, 22.4829, 37.5437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 115, 163) }
```

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

```
.background{ background-color: rgb(161,  
115, 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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