

Converting Colors

XYZ(25.3798, 22.1448, 40.1334)

Have a look what the booklet for
XYZ(25.3798, 22.1448, 40.1334)
contains.

XYZ(25.3418, 22.0405, 39.9644)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3418, 22.0405,
39.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	9177A8
RGB	145, 119, 168
RGB Percent	57%, 47%, 66%
CMY	0.4314, 0.5333, 0.3412
CMYK	0.14, 0.29, 0.00, 0.34
HSL	272°, 22%, 56%
HSV	272°, 29%, 66%
XYZ	25.3418, 22.0405, 39.9644
YIQ	132.3600, -0.2330, 20.7510

Conversions

Conversions Part 2

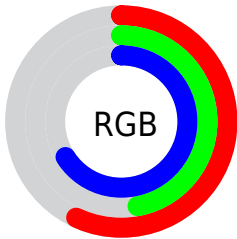
Format	Color
R _Y B	145, 119, 168
Decimal	9533352
CIE Lab	54.07, 19.79, -22.39
CIE LCh	54, 29.878, 311.472
Yxy	22.0405, 0.2901, 0.2523
Android (android.graphics.Color)	4287723432 (0xFF9177A8)
YUV	132.3600, 17.5705, 11.0853
Hunter-Lab	46.9473, 14.1951, -17.6081

Details

The XYZ color **25.3418, 22.0405, 39.9644** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.4883, 35.0884, 22.7249**, and the grayscale version is **22.0012, 23.1470, 25.2071**.

A 20% lighter version of the original color is **51.4354, 46.5956, 76.0950**, and **9.9586, 8.0210, 17.5463** is the 20% darker color. If you saturate the color by 10%, you get **22.1749, 17.6980, 39.2935**, and if you desaturate by 10%, it is **28.9600, 27.1414, 40.7586**.

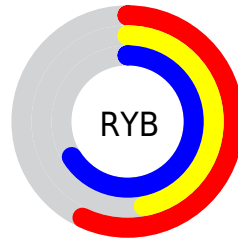
Distribution



Red (57%)

Green (47%)

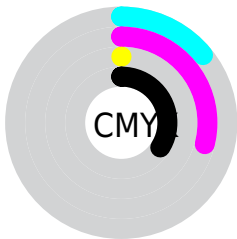
Blue (66%)



Red (57%)

Yellow (47%)

Blue (66%)

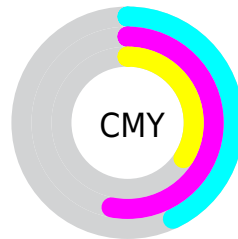


Cyan (14%)

Magenta (29%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (53%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3418, 22.0405, 39.9644 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 25.3418, 22.0405, 39.9644 by changing the saturation by 10% instead.

■ 25.3418, 22.0405,
39.9644

■ 25.3418, 22.0405,
39.9644

271.8522,
262.7577, 361.5211

■ 16.4620, 13.8867,
27.1972

■ 51.6501, 46.8129,
76.3458

■ 9.9446, 8.0419,
17.4876

■ 69.8093, 64.2003,
100.7971

■ 5.4242, 4.1218,
10.4172

■ 91.7923, 85.4343,
129.9802

■ 2.5355, 1.7419,
5.5672

117.9645,
110.8994, 164.3135

■ 0.9132, 0.4506,
2.5193

148.6912,
140.9798, 204.2158

■ 0.0000, 0.0000,
0.8503

184.3378,

■ 0.0000, 0.0000,

176.0601, 250.1055

0.0000

225.2697,
216.5246, 302.4011

■ 25.3418, 22.0405,
39.9644

■ 25.3418, 22.0405,
39.9644

■ 22.1749, 17.6980,
39.2935

■ 28.9600, 27.1414,
40.7586

■ 19.4366, 14.0730,
38.7381

■ 33.0466, 33.0334,
41.6805

■ 17.1053, 11.1246,
38.2919

■ 37.6201, 39.7506,
42.7360

■ 15.1565, 8.8068,
37.9472

■ 42.6976, 47.3243,
43.9303

■ 13.5624, 7.0675,
37.6955

■ 48.2950, 55.7841,
45.2682

■ 12.2910, 5.8457,
37.5267

■ 54.4279, 65.1581,
46.7543

■ 11.2804, 5.0214,
37.4208

■ 61.1107, 75.4732,
48.3931

■ 11.2016, 4.9582,
37.4128

■ 68.3577, 86.7553,
50.1888

■ 71.1388, 88.9420,
50.4643

Harmonies

Analogous

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



22.2099, 22.0405, 46.0190



25.3418, 22.0405, 39.9644



27.4139, 22.0405, 30.1125

Triad

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



25.3418, 22.0405, 39.9644



22.9872, 22.0405, 10.7653



15.4275, 22.0405, 27.7168

Complementary

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



25.3418, 22.0405, 39.9644



28.4883, 35.0884, 22.7249

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.



15.5896, 22.0405, 18.7734



25.3418, 22.0405, 39.9644



19.7365, 22.0405, 10.4363

Square

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



25.3418, 22.0405, 39.9644



25.9610, 22.0405, 14.0325



17.0954, 22.0405, 12.9767



16.6272, 22.0405, 37.8268

Rectangle

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



25.3418, 22.0405, 39.9644



27.7988, 22.0405, 23.5438



17.0954, 22.0405, 12.9767



15.3281, 22.0405, 24.4587

Sweetspot

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



25.3425, 22.0414, 39.9649



59.9675, 59.9436, 75.6347



24.4513, 26.2998, 40.8338



12.8323, 12.7191, 16.4308



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.



25.3425, 22.0414, 39.9649



42.1734, 34.7396, 71.7077



29.7379, 24.3161, 39.7746



7.4975, 7.4891, 9.4687



8.5186, 3.7749, 28.2551



0.2656, 0.1219, 0.6902

Inverse Universe

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



27.6284, 23.4723, 28.6662



47.1515, 37.8526, 47.2426



24.9901, 33.2794, 22.8183



7.6722, 7.5987, 8.5908



13.2820, 6.7215, 6.2964



0.3492, 0.1739, 0.2901

Previews

White Background



This preview shows how the XYZ color 25.3418, 22.0405, 39.9644 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 25.3418, 22.0405, 39.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

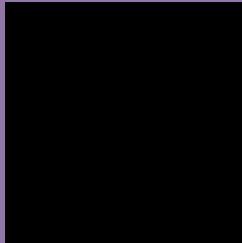
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3418, 22.0405, 39.9644

Background



This preview shows how black text looks on a background with the XYZ color 25.3418, 22.0405, 39.9644.



This preview shows how white text looks on a background with the XYZ color 25.3418, 22.0405,

39.9644.

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

25.3418, 22.0405, 39.9644

Protanopia

22.6595, 22.2465, 43.6572

Deuteranopia

22.4983, 22.0695, 39.1504



Tritanopia

22.5220, 21.9919, 25.9795

Trichromacy



Original Color

25.3418, 22.0405, 39.9644

Protanomaly

23.5324, 22.1578, 42.0663

Deuteranomaly

23.3886, 21.9512, 39.5635

Tritanomaly

23.5047, 22.0233, 30.6158

Monochromacy



Original Color

25.3418, 22.0405, 39.9644

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0167, 22.5414, 29.9259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3418, 22.0405, 39.9644 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(145, 119, 168)` looks like.

```
.text, #text, p{  
    color:rgb(145, 119, 168)  
}
```

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(145, 119, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 119, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.3418, 22.0405, 39.9644 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(145, 119, 168) }
```


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

```
.border{ border-color:rgb(145, 119, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 119, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 119, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 119, 168);  
box-shadow:4px 4px 4px 4px rgb(145, 119,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3418, 22.0405, 39.9644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 119, 168) }
```

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

```
.background{ background-color: rgb(145,  
119, 168) }
```

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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