

Converting Colors

XYZ(25.3790, 18.3259, 40.6829)

Have a look what the booklet for
XYZ(25.3790, 18.3259, 40.6829)
contains.

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Color

**XYZ(25.3475, 18.2928,
40.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5FAB
RGB	157, 95, 171
RGB Percent	62%, 37%, 67%
CMY	0.3843, 0.6274, 0.3294
CMYK	0.08, 0.44, 0.00, 0.33
HSL	289°, 31%, 52%
HSV	289°, 44%, 67%
XYZ	25.3475, 18.2928, 40.7230
YIQ	122.2020, 12.5560, 36.7800

Conversions

Conversions Part 2

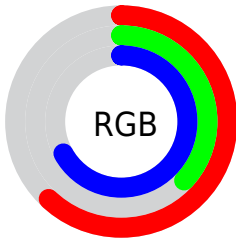
Format	Color
R_{YB}	157, 95, 171
Decimal	10313643
CIE _{Lab}	49.85, 38.00, -30.56
CIE _{LCh}	50, 48.769, 321.192
Yxy	18.2928, 0.3005, 0.2168
Android (android.graphics.Color)	4288503723 (0xFF9D5FAB)
YUV	122.2020, 24.0574, 30.5178
Hunter-Lab	42.7701, 30.9396, -26.5132

Details

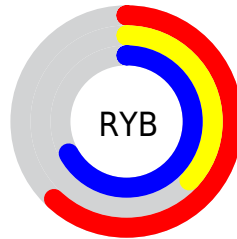
The XYZ color **25.3475, 18.2928, 40.7230** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.9358, 33.2037, 16.0275**, and the grayscale version is **18.4862, 19.4489, 21.1799**.

A 20% lighter version of the original color is **51.7394, 40.5596, 77.7749**, and **9.9559, 6.2051, 17.8125** is the 20% darker color. If you saturate the color by 10%, you get **23.3664, 15.2308, 40.2367**, and if you desaturate by 10%, it is **27.6838, 22.0407, 41.3236**.

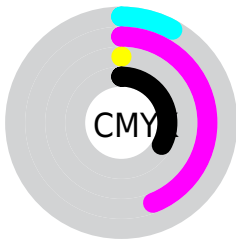
Distribution



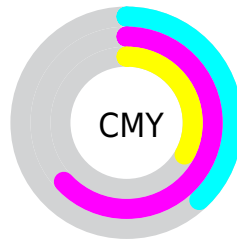
- Red (62%)
- Green (37%)
- Blue (67%)



- Red (62%)
- Yellow (37%)
- Blue (67%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)





- Cyan (38%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3475, 18.2928, 40.7230 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 25.3475, 18.2928, 40.7230 by changing the saturation by 10% instead.


 25.3475, 18.2928,
40.7230


 25.3475, 18.2928,
40.7230


271.8799,
242.5163, 364.8039


 16.4663, 11.1604,
27.7846


 51.6593, 40.5356,
77.5123


 9.9476, 6.1748,
17.9258


 69.8205, 56.4148,
102.2003

 5.4262, 2.9517,
10.7278


 91.8057, 75.9784,
131.6420

 2.5368, 1.1066,
5.7723

 117.9804, 99.6109,
166.2559

 0.9138, 0.0000,
2.6406

148.7098,
127.6964, 206.4604

 0.0000, 0.0000,
0.9133

184.3592,

 0.0000, 0.0000,

160.6196, 252.6743

0.0000

225.2942,
198.7648, 305.3159

■ 25.3475, 18.2928,
40.7230

■ 25.3475, 18.2928,
40.7230

■ 23.3664, 15.2308,
40.2367

■ 27.6838, 22.0407,
41.3236

■ 21.7161, 12.8076,
39.8559

■ 30.3939, 26.5129,
42.0439

■ 20.3721, 10.9738,
39.5728

■ 33.4972, 31.7477,
42.8908

■ 19.3054, 9.6716,
39.3777

■ 37.0112, 37.7800,
43.8699

■ 18.4812, 8.8314,
39.2589

■ 40.9525, 44.6425,
44.9868

■ 18.0820, 8.4725,
39.2107

■ 45.3366, 52.3662,
46.2466

■ 50.1781, 60.9804,
47.6541

■ 55.4912, 70.5129,
49.2140

■ 61.2892, 80.9904,
50.9308

Harmonies

Analogous

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



20.8320, 18.2928, 54.7139



25.3475, 18.2928, 40.7230



27.8323, 18.2928, 24.1122

Triad

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



25.3475, 18.2928, 40.7230



18.7955, 18.2928, 3.7966



10.2977, 18.2928, 30.7118

Complementary

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



25.3475, 18.2928, 40.7230



22.9358, 33.2037, 16.0275

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.



9.9488, 18.2928, 16.2403



25.3475, 18.2928, 40.7230



14.3440, 18.2928, 4.2913

Square

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



25.3475, 18.2928, 40.7230



23.6301, 18.2928, 5.8645



11.2962, 18.2928, 7.7736



12.3531, 18.2928, 47.3613

Rectangle

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



25.3475, 18.2928, 40.7230



27.7438, 18.2928, 15.3396



11.2962, 18.2928, 7.7736



9.9935, 18.2928, 25.3267

Sweetspot

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



25.3481, 18.2936, 40.7234



60.7147, 58.0909, 77.0145



17.6683, 16.5691, 40.7953



13.2541, 12.4683, 17.0957



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.



25.3481, 18.2936, 40.7234



42.0125, 27.5265, 72.1007



26.2485, 18.9876, 30.3822



8.1902, 8.0724, 10.0791



13.6719, 6.4080, 29.5608



0.4173, 0.1973, 0.8241

Inverse Universe

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



23.6477, 17.9473, 16.6866



38.8171, 26.9654, 22.8736



22.5410, 32.8625, 22.2332



8.0633, 8.0386, 8.6440



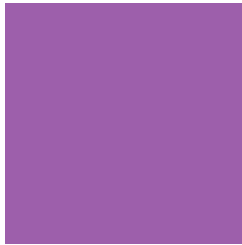
12.8669, 6.6093, 1.6783



0.3754, 0.1908, 0.1385

Previews

White Background



This preview shows how the XYZ color 25.3475, 18.2928, 40.7230 looks on a white background.

Color Contrast Check

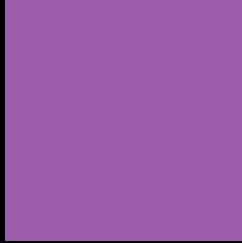
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.3475, 18.2928, 40.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

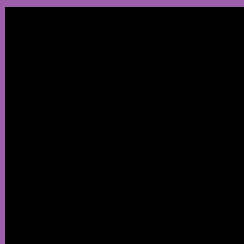
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3475, 18.2928, 40.7230

Background



This preview shows how black text looks on a background with the XYZ color 25.3475, 18.2928, 40.7230.



This preview shows how white text looks on a background with the XYZ color 25.3475, 18.2928,

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

25.3475, 18.2928, 40.7230

Protanopia

19.8610, 18.6208, 50.6915

Deuteranopia

18.9330, 18.5717, 39.1460



Tritanopia

20.8045, 18.1659, 18.9329

Trichromacy



Original Color

25.3475, 18.2928, 40.7230

Protanomaly

20.9824, 17.9595, 46.6166

Deuteranomaly

20.6699, 18.1166, 39.4532

Tritanomaly

22.2431, 18.1535, 25.6242

Monochromacy



Original Color

25.3475, 18.2928, 40.7230

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.5195, 18.6327, 27.3259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3475, 18.2928, 40.7230 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(157, 95, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 95, 171)  
}
```

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(157, 95, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 95, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.3475, 18.2928, 40.7230 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(157, 95, 171) }
```


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

```
.border{ border-color:rgb(157, 95, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 95, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 95, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 95, 171); box-shadow:4px 4px 4px 4px rgb(157, 95, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3475, 18.2928, 40.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 95, 171) }
```

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

```
.background{ background-color: rgb(157, 95,  
171) }
```

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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