

Converting Colors

XYZ(25.1518, 20.2313, 42.3223)

Have a look what the booklet for
XYZ(25.1518, 20.2313, 42.3223)
contains.

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Color

**XYZ(25.0441, 20.1575,
42.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	936DAD
RGB	147, 109, 173
RGB Percent	58%, 43%, 68%
CMY	0.4235, 0.5725, 0.3216
CMYK	0.15, 0.37, 0.00, 0.32
HSL	276°, 28%, 55%
HSV	276°, 37%, 68%
XYZ	25.0441, 20.1575, 42.1060
YIQ	127.6580, 2.1040, 27.9600

Conversions

Conversions Part 2

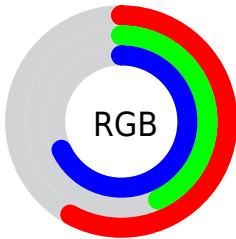
Format	Color
R_{YB}	147, 109, 173
Decimal	9661869
CIE _{Lab}	52.01, 27.38, -28.44
CIE _{LCh}	52, 39.481, 313.909
Yxy	20.1575, 0.2868, 0.2309
Android (android.graphics.Color)	4287851949 (0xFF936DAD)
YUV	127.6580, 22.3536, 16.9629
Hunter-Lab	44.8971, 20.9993, -24.1762

Details

The XYZ color **25.0441, 20.1575, 42.1060** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.6963, 36.1427, 19.9854**, and the grayscale version is **20.3248, 21.3833, 23.2864**.

A 20% lighter version of the original color is **51.2448, 43.7034, 79.8635**, and **9.7782, 7.1264, 18.6295** is the 20% darker color. If you saturate the color by 10%, you get **22.1551, 16.1933, 41.4934**, and if you desaturate by 10%, it is **28.3747, 24.8895, 42.8442**.

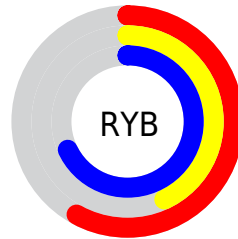
Distribution



Red (58%)

Green (43%)

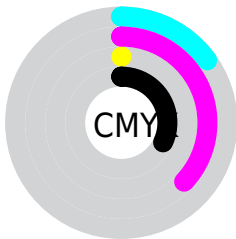
Blue (68%)



Red (58%)

Yellow (43%)

Blue (68%)

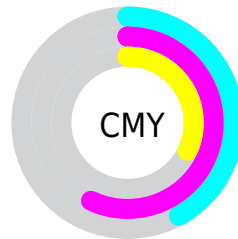


Cyan (15%)

Magenta (37%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (57%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0441, 20.1575, 42.1060 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 25.0441, 20.1575, 42.1060 by changing the saturation by 10% instead.

■ 25.0441, 20.1575,
42.1060

■ 25.0441, 20.1575,
42.1060

270.4011,
252.7665, 370.7348

■ 16.2388, 12.5096,
28.8581

■ 51.1711, 43.6811,
79.6318

■ 9.7852, 7.0917,
18.7289

■ 69.2236, 60.3255,
104.7469

■ 5.3180, 3.5195,
11.2997

■ 91.0892, 80.7376,
134.6547

■ 2.4717, 1.4086,
6.1521

■ 117.1332,
105.3018, 169.7739

■ 0.8810, 0.2231,
2.8675

147.7211,
134.4023, 210.5229

■ 0.0000, 0.0000,
1.0274

183.2181,

■ 0.0000, 0.0000,

168.4237, 257.3204

0.0000

223.9896,
207.7503, 310.5848

■ 25.0441, 20.1575,
42.1060

■ 25.0441, 20.1575,
42.1060

■ 22.1551, 16.1933,
41.4934

■ 28.3747, 24.8895,
42.8442

■ 19.6829, 12.9508,
40.9979

■ 32.1658, 30.4269,
43.7132

■ 17.6031, 10.3829,
40.6118

■ 36.4377, 36.8075,
44.7196

■ 15.8876, 8.4356,
40.3264

■ 41.2087, 44.0662,
45.8692

■ 14.5039, 7.0460,
40.1311

■ 46.4961, 52.2359,
47.1674

■ 13.4054, 6.1232,
40.0109

■ 52.3165, 61.3476,
48.6194

■ 13.1042, 5.8841,
39.9806

■ 58.6853, 71.4310,
50.2300

■ 65.6178, 82.5144,
52.0040

■ 69.9540, 88.2763,
52.8876

Harmonies

Analogous

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



21.0806, 20.1575, 51.2643



25.0441, 20.1575, 42.1060



27.6001, 20.1575, 28.6836

Triad

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



25.0441, 20.1575, 42.1060



21.3856, 20.1575, 6.7957



12.5850, 20.1575, 27.7195

Complementary

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



25.0441, 20.1575, 42.1060



27.6963, 36.1427, 19.9854

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.



12.6428, 20.1575, 16.3593



25.0441, 20.1575, 42.1060



17.3581, 20.1575, 6.6962

Square

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



25.0441, 20.1575, 42.1060



25.2942, 20.1575, 9.8846



14.2768, 20.1575, 9.5378



14.1061, 20.1575, 41.1907

Rectangle

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



25.0441, 20.1575, 42.1060



27.9655, 20.1575, 20.4715



14.2768, 20.1575, 9.5378



12.4278, 20.1575, 23.4941

Sweetspot

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



25.0448, 20.1583, 42.1064



61.9377, 60.9329, 79.3025



22.6076, 23.7838, 42.9347



13.2440, 12.9186, 17.1832



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.



25.0448, 20.1583, 42.1064



40.7631, 30.4654, 74.5377



29.7397, 22.6371, 39.6856



8.0176, 7.9834, 10.0711



9.6928, 4.3567, 29.3746



0.3295, 0.1521, 0.8200

Inverse Universe

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



27.0761, 21.5716, 25.6592



45.1449, 33.4922, 40.0539



24.3072, 34.3614, 21.3715



8.1350, 8.0673, 9.0220



13.5062, 6.8650, 5.0452



0.4033, 0.2020, 0.2855

Previews

White Background



This preview shows how the XYZ color 25.0441, 20.1575, 42.1060 looks on a white background.

Color Contrast Check

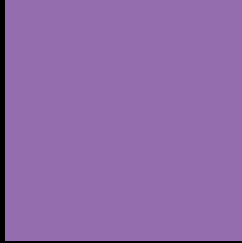
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0441, 20.1575, 42.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

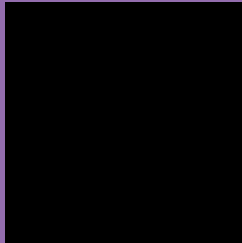
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0441, 20.1575, 42.1060

Background



This preview shows how black text looks on a background with the XYZ color 25.0441, 20.1575, 42.1060.



This preview shows how white text looks on a background with the XYZ color 25.0441, 20.1575,

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

25.0441, 20.1575, 42.1060

Protanopia

21.3202, 20.3228, 48.1464

Deuteranopia

20.7691, 20.3832, 40.8699



Tritanopia

21.1899, 20.0908, 23.1832

Trichromacy



Original Color

25.0441, 20.1575, 42.1060

Protanomaly

22.3452, 20.0109, 45.8648

Deuteranomaly

21.9975, 20.1081, 41.2499

Tritanomaly

22.4925, 20.1147, 29.0826

Monochromacy



Original Color

25.0441, 20.1575, 42.1060

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.8631, 20.8393, 29.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0441, 20.1575, 42.1060 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(147, 109, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 109, 173)  
}
```

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(147, 109, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 109, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.0441, 20.1575, 42.1060 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(147, 109, 173) }
```


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

```
.border{ border-color:rgb(147, 109, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 109, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 109, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 109, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 109,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0441, 20.1575, 42.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 109, 173) }
```

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

```
.background{ background-color: rgb(147,  
109, 173) }
```

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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