

Converting Colors

XYZ(25.4267, 16.5756, 41.9785)

Have a look what the booklet for
XYZ(25.4267, 16.5756, 41.9785)
contains.

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Color

**XYZ(25.4827, 16.6222,
41.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	A251AE
RGB	162, 81, 174
RGB Percent	64%, 32%, 68%
CMY	0.3647, 0.6823, 0.3176
CMYK	0.07, 0.53, 0.00, 0.32
HSL	292°, 36%, 50%
HSV	292°, 53%, 68%
XYZ	25.4827, 16.6222, 41.9097
YIQ	115.8210, 18.4230, 46.0950

Conversions

Conversions Part 2

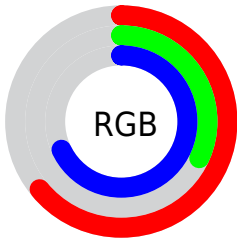
Format	Color
RYB	162, 81, 174
Decimal	10637742
CIELab	47.78, 47.49, -35.52
CIElCh	48, 59.304, 323.209
Yxy	16.6222, 0.3033, 0.1978
Android (android.graphics.Color)	4288827822 (0xFFA251AE)
YUV	115.8210, 28.6822, 40.4990
Hunter-Lab	40.7703, 40.2199, -32.4077

Details

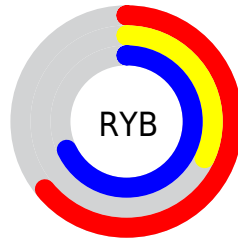
The XYZ color **25.4827, 16.6222, 41.9097** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.1359, 33.1937, 13.0783**, and the grayscale version is **16.4574, 17.3144, 18.8554**.

A 20% lighter version of the original color is **52.0214, 37.8234, 79.4217**, and **10.0508, 5.3991, 18.6016** is the 20% darker color. If you saturate the color by 10%, you get **23.8997, 14.1267, 41.5117**, and if you desaturate by 10%, it is **27.4063, 19.7858, 42.4192**.

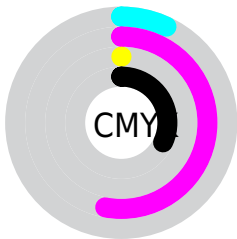
Distribution



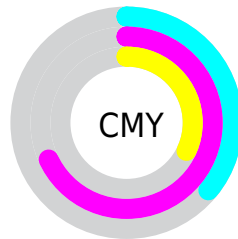
- Red (64%)
- Green (32%)
- Blue (68%)



- Red (64%)
- Yellow (32%)
- Blue (68%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (32%)





- Cyan (36%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4827, 16.6222, 41.9097 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 25.4827, 16.6222, 41.9097 by changing the saturation by 10% instead.


 25.4827, 16.6222,
41.9097


 25.4827, 16.6222,
41.9097


272.5369,
232.9857, 369.8971


 16.5677, 9.9655,
28.7055


 51.8765, 37.6751,
79.3316

 10.0201, 5.3761,
18.6145


 70.0860, 52.8400,
104.3863


 5.4747, 2.4696,
11.2181


 92.1244, 71.6098,
134.2284

 2.5660, 0.8613,
6.0977

 118.3570, 94.3689,
169.2763

 0.9286, 0.0000,
2.8348

 149.1492,
121.5016, 209.9486

 0.0000, 0.0000,
1.0109

184.8663,

 0.0000, 0.0000,

153.3924, 256.6638

0.0000

225.8738,
190.4256, 309.8404

■ 25.4827, 16.6222,
41.9097

■ 25.4827, 16.6222,
41.9097

■ 23.8997, 14.1267,
41.5117

■ 27.4063, 19.7858,
42.4192

■ 22.6296, 12.2456,
41.2155

■ 29.6919, 23.6618,
43.0469

■ 21.6433, 10.9201,
41.0117

■ 32.3612, 28.2928,
43.8001

■ 20.9053, 10.0791,
40.8883

■ 35.4335, 33.7177,
44.6853

■ 20.5048, 9.6881,
40.8339

■ 38.9271, 39.9727,
45.7085

■ 42.8588, 47.0917,
46.8753

■ 47.2448, 55.1068,
48.1912

■ 52.1003, 64.0482,
49.6612

■ 57.4397, 73.9449,
51.2900

Harmonies

Analogous

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



20.1803, 16.6222, 60.5539



25.4827, 16.6222, 41.9097



28.2815, 16.6222, 21.7870

Triad

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



25.4827, 16.6222, 41.9097



17.0391, 16.6222, 1.8137



8.1419, 16.6222, 32.2643

Complementary

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



25.4827, 16.6222, 41.9097



21.1359, 33.1937, 13.0783

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.



7.6658, 16.6222, 14.8522



25.4827, 16.6222, 41.9097



12.1025, 16.6222, 2.3218

Square

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



25.4827, 16.6222, 41.9097



22.7475, 16.6222, 3.3187



8.9440, 16.6222, 5.6162



10.4325, 16.6222, 53.1335

Rectangle

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



25.4827, 16.6222, 41.9097



27.9895, 16.6222, 12.1986



8.9440, 16.6222, 5.6162



7.7891, 16.6222, 25.6479

Sweetspot

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



25.4833, 16.6229, 41.9101



62.6156, 58.2186, 80.5740



14.9835, 12.7051, 41.7073



13.6640, 12.4922, 17.8354



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.4833, 16.6229, 41.9101



42.9244, 24.9733, 75.1948



25.1247, 16.7746, 26.6865



8.2339, 8.0949, 10.0812



14.9073, 7.0449, 29.6186



0.4424, 0.2103, 0.8253

Inverse Universe

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



22.3742, 15.6745, 12.2027



36.9794, 23.2412, 14.7062



21.6302, 33.2619, 21.5307



8.0457, 8.0315, 8.5517



12.7817, 6.5752, 1.2302



0.3684, 0.1881, 0.1019

Previews

White Background



This preview shows how the XYZ color 25.4827, 16.6222, 41.9097 looks on a white background.

Color Contrast Check

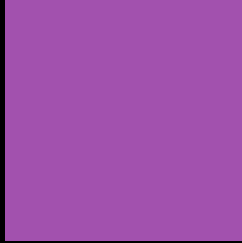
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4827, 16.6222, 41.9097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

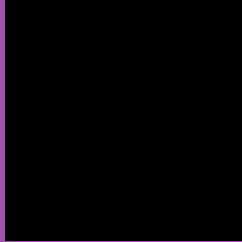
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4827, 16.6222, 41.9097

Background



This preview shows how black text looks on a background with the XYZ color 25.4827, 16.6222, 41.9097.



This preview shows how white text looks on a background with the XYZ color 25.4827, 16.6222,

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

25.4827, 16.6222, 41.9097

Protanopia

18.8995, 16.9636, 57.5365

Deuteranopia

17.1895, 16.8111, 39.3847



Tritanopia

20.1061, 16.5483, 15.7701

Trichromacy



Original Color

25.4827, 16.6222, 41.9097

Protanomaly

19.7868, 15.8792, 51.3123

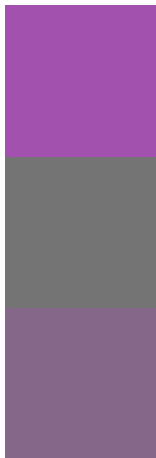
Deuteranomaly

19.1118, 15.9226, 40.0963

Tritanomaly

21.6342, 16.3609, 23.4905

Monochromacy



Original Color

25.4827, 16.6222, 41.9097

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.0385, 16.4932, 25.8470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4827, 16.6222, 41.9097 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(162, 81, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 81, 174)  
}
```

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(162, 81, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 81, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.4827, 16.6222, 41.9097 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(162, 81, 174) }
```


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

```
.border{ border-color:rgb(162, 81, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 81, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 81, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 81, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 81,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4827, 16.6222, 41.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 81, 174) }
```

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

```
.background{ background-color: rgb(162, 81,  
174) }
```

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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