

Converting Colors

XYZ(15.6240, 9.0601, 15.9642)

Have a look what the booklet for
XYZ(15.6240, 9.0601, 15.9642)
contains.

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Color

**XYZ(15.6240, 9.0601,
15.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	922C6F
RGB	146, 44, 111
RGB Percent	57%, 17%, 44%
CMY	0.4274, 0.8274, 0.5647
CMYK	0.00, 0.70, 0.24, 0.43
HSL	321°, 54%, 37%
HSV	321°, 70%, 57%
XYZ	15.6240, 9.0601, 15.9642
YIQ	82.1360, 39.2850, 42.4610

Conversions

Conversions Part 2

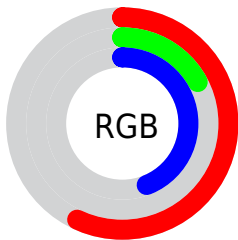
Format	Color
R_{YB}	146, 44, 111
Decimal	9579631
CIE _{Lab}	36.10, 49.33, -15.63
CIE _{LCh}	36, 51.748, 342.415
Yxy	9.0601, 0.3844, 0.2229
Android (android.graphics.Color)	4287769711 (0xFF922C6F)
YUV	82.1360, 14.2300, 56.0087
Hunter-Lab	30.1000, 39.9790, -10.3758

Details

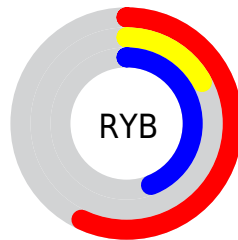
The XYZ color **15.6240, 9.0601, 15.9642** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.7294, 21.6581, 10.9079**, and the grayscale version is **8.0147, 8.4321, 9.1826**.

A 20% lighter version of the original color is **35.6071, 24.0762, 37.4208**, and **5.3108, 2.6342, 4.9312** is the 20% darker color. If you saturate the color by 10%, you get **14.9045, 8.0502, 14.4013**, and if you desaturate by 10%, it is **16.5509, 10.4598, 17.6728**.

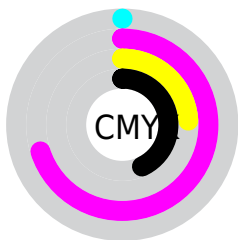
Distribution



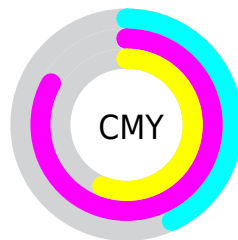
- Red (57%)
- Green (17%)
- Blue (44%)



- Red (57%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (70%)
- Yellow (24%)
- Black (43%)




- Cyan (43%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.6240, 9.0601, 15.9642 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 15.6240, 9.0601, 15.9642 by changing the saturation by 10% instead.


 15.6240, 9.0601,
15.9642


 15.6240, 9.0601,
15.9642


220.4270,
183.8256, 240.9689


 9.3476, 4.7804,
9.3447


 35.5070, 24.0119,
37.3020


 5.0275, 2.1190,
4.8668

 49.8442, 35.4529,
52.8574


 2.2984, 0.6753,
2.1120

 67.5992, 50.0497,
72.2285

 0.7938, 0.0000,
0.6229

 89.1373, 68.1868,
95.8339

 0.0000, 0.0000,
0.0000

 114.8237, 90.2485,
124.0921

 145.0239,

116.6193, 157.4216

180.1032,
147.6835, 196.2410

■ 15.6240, 9.0601,
15.9642

■ 15.6240, 9.0601,
15.9642

■ 14.9045, 8.0502,
14.4013

■ 16.5509, 10.4598,
17.6728

■ 14.3702, 7.3864,
12.9751

■ 17.7027, 12.2843,
19.5338

■ 13.9663, 6.9595,
11.6663

■ 19.0958, 14.5659,
21.5541

■ 13.9608, 6.9537,
11.6484

■ 20.7450, 17.3337,
23.7396

■ 22.6637, 20.6141,
26.0959

■ 24.8644, 24.4319,
28.6284

■ 27.3587, 28.8101,
31.3421

■ 30.1577, 33.7702,
34.2416

■ 33.2718, 39.3329,
37.3314

Harmonies

Analogous

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



13.2830, 9.0601, 28.5640



15.6240, 9.0601, 15.9642



15.8317, 9.0601, 6.6347

Triad

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



15.6240, 9.0601, 15.9642



7.3939, 9.0601, 0.8182



4.9217, 9.0601, 26.4114

Complementary

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



15.6240, 9.0601, 15.9642



12.7294, 21.6581, 10.9079

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.



4.0078, 9.0601, 14.0030



15.6240, 9.0601, 15.9642



5.1878, 9.0601, 1.8724

Square

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



15.6240, 9.0601, 15.9642



10.5380, 9.0601, 0.9027



4.0918, 9.0601, 5.5586



6.9351, 9.0601, 36.6760

Rectangle

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



15.6240, 9.0601, 15.9642



14.6778, 9.0601, 3.2575



4.0918, 9.0601, 5.5586



4.5001, 9.0601, 22.1167

Sweetspot

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



15.6243, 9.0606, 15.9644



39.4188, 35.3976, 45.3646



9.2315, 5.4971, 27.7687



8.5803, 7.5506, 9.8634



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6243, 9.0606, 15.9644



25.7056, 13.4486, 23.9076



13.5975, 8.2498, 5.2914



5.9516, 5.8757, 6.8513



12.2962, 6.1235, 10.3068



0.1644, 0.0805, 0.1993

Inverse Universe

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



15.6243, 9.0606, 15.9644



25.7056, 13.4486, 23.9076



15.2804, 22.6785, 24.3414



5.9516, 5.8757, 6.8513



12.2962, 6.1235, 10.3068



0.1644, 0.0805, 0.1993

Previews

White Background



This preview shows how the XYZ color 15.6240, 9.0601, 15.9642 looks on a white background.

Color Contrast Check

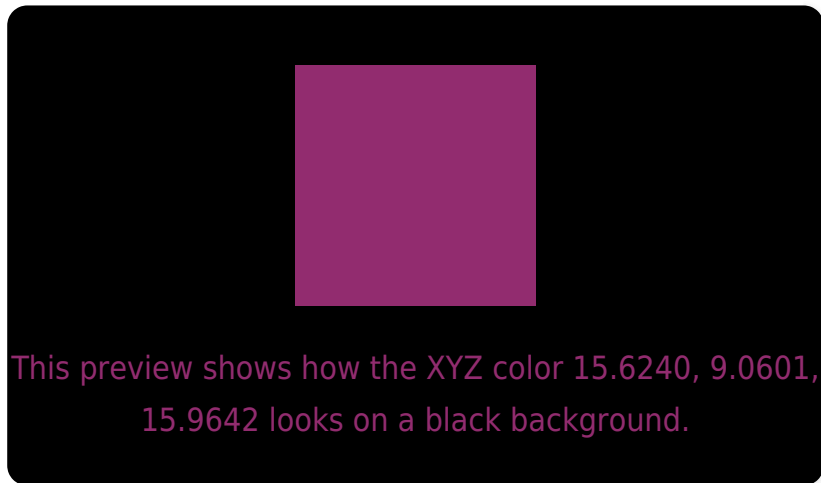
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

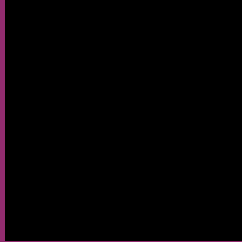
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6240, 9.0601, 15.9642

Background



This preview shows how black text looks on a background with the XYZ color 15.6240, 9.0601, 15.9642.



This preview shows how white text looks on a background with the XYZ color 15.6240, 9.0601, 15.9642.

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

15.6240, 9.0601, 15.9642

Protanopia

10.1027, 9.3504, 26.8635

Deuteranopia

9.4664, 9.2919, 14.6592



Tritanopia

13.5379, 9.1247, 5.6051

Trichromacy



Original Color

15.6240, 9.0601, 15.9642

Protanomaly

10.7391, 8.2221, 22.4937

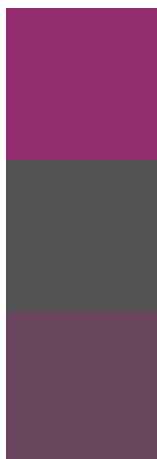
Deuteranomaly

10.8454, 8.4436, 14.9681

Tritanomaly

14.0488, 8.9650, 8.5794

Monochromacy



Original Color

15.6240, 9.0601, 15.9642

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

9.8686, 7.9278, 11.3660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6240, 9.0601, 15.9642 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(146, 44, 111)` looks like.

```
.text, #text, p{  
    color:rgb(146, 44, 111)  
}
```

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(146, 44, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 44, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.6240, 9.0601, 15.9642 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(146, 44, 111) }
```


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

```
.border{ border-color:rgb(146, 44, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 44, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 44, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 44, 111);  
box-shadow:4px 4px 4px 4px rgb(146, 44,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6240, 9.0601, 15.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 44, 111) }
```

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

```
.background{ background-color: rgb(146, 44,  
111) }
```

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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