

Converting Colors

XYZ(14.6192, 8.0010, 12.5096)

Have a look what the booklet for
XYZ(14.6192, 8.0010, 12.5096)
contains.

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Color

**XYZ(14.5962, 7.9918,
12.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	921F63
RGB	146, 31, 99
RGB Percent	57%, 12%, 39%
CMY	0.4274, 0.8784, 0.6118
CMYK	0.00, 0.79, 0.32, 0.43
HSL	325°, 65%, 35%
HSV	325°, 79%, 57%
XYZ	14.5962, 7.9918, 12.5777
YIQ	73.1370, 46.7120, 45.5280

Conversions

Conversions Part 2

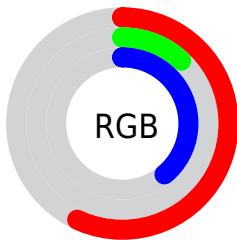
Format	Color
R_{YB}	146, 31, 99
Decimal	9576291
CIE _{Lab}	33.97, 52.38, -11.26
CIE _{LCh}	34, 53.581, 347.873
Yxy	7.9918, 0.4151, 0.2273
Android (android.graphics.Color)	4287766371 (0xFF921F63)
YUV	73.1370, 12.7505, 63.9009
Hunter-Lab	28.2698, 42.6907, -6.5903

Details

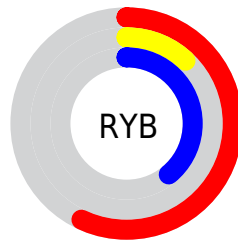
The XYZ color **14.5962, 7.9918, 12.5777** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.2196, 21.3994, 10.6955**, and the grayscale version is **6.3301, 6.6597, 7.2524**.

A 20% lighter version of the original color is **33.6233, 21.8780, 31.3049**, and **4.9342, 2.4721, 3.4659** is the 20% darker color. If you saturate the color by 10%, you get **14.0227, 7.2847, 11.0306**, and if you desaturate by 10%, it is **15.3640, 9.0537, 14.2937**.

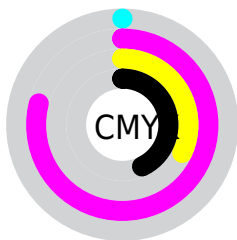
Distribution



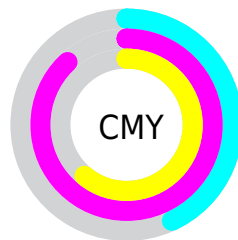
- Red (57%)
- Green (12%)
- Blue (39%)



- Red (57%)
- Yellow (12%)
- Blue (39%)



- Cyan (0%)
- Magenta (79%)
- Yellow (32%)
- Black (43%)



- Cyan (43%)
- Magenta (88%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5962, 7.9918, 12.5777 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 14.5962, 7.9918, 12.5777 by changing the saturation by 10% instead.


 14.5962, 7.9918,
12.5777


 14.5962, 7.9918,
12.5777


214.3461,
175.6677, 219.3051


 8.6209, 4.0897,
7.0111


 33.7207, 21.9424,
31.2230


 4.5499, 1.7239,
3.3905

 47.6007, 32.7596,
45.1387

 2.0177, 0.4390,
1.2973

 64.8463, 46.6507,
62.6746

 0.6439, 0.0000,
0.0596

 85.8229, 64.0001,
84.2492

 0.0000, 0.0000,
0.0000

 110.8958, 85.1920,
110.2810

 140.4304,

110.6110, 141.1886

174.7921,
140.6414, 177.3904

■ 14.5962, 7.9918,
12.5777

■ 14.5962, 7.9918,
12.5777

■ 14.0227, 7.2847,
11.0306

■ 15.3640, 9.0537,
14.2937

■ 13.5967, 6.8394,
9.6345

■ 16.3465, 10.5108,
16.1874

■ 13.5470, 6.7882,
9.4696

■ 17.5623, 12.3991,
18.2672

■ 19.0275, 14.7506,
20.5404

■ 20.7568, 17.5938,
23.0141

■ 22.7637, 20.9552,
25.6945

■ 25.0608, 24.8592,
28.5878

■ 27.6598, 29.3289,
31.6997

■ 30.5719, 34.3857,
35.0357

Harmonies

Analogous

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



12.6242, 7.9918, 24.7682



14.5962, 7.9918, 12.5777



14.3700, 7.9918, 4.6093

Triad

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



14.5962, 7.9918, 12.5777



5.9855, 7.9918, 0.5290



4.3925, 7.9918, 27.1524

Complementary

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



14.5962, 7.9918, 12.5777



12.2196, 21.3994, 10.6955

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.



3.3770, 7.9918, 14.6965



14.5962, 7.9918, 12.5777



4.1194, 7.9918, 1.7226

Square

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



14.5962, 7.9918, 12.5777



8.8503, 7.9918, 0.4318



3.2921, 7.9918, 5.7171



6.4661, 7.9918, 36.1850

Rectangle

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



14.5962, 7.9918, 12.5777



13.0075, 7.9918, 2.0556



3.2921, 7.9918, 5.7171



3.9421, 7.9918, 22.9598

Sweetspot

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



14.5964, 7.9922, 12.5778



38.0700, 33.4588, 42.5762



8.7394, 4.6336, 27.6280



8.2263, 7.0383, 9.1424



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.



14.5964, 7.9922, 12.5778



24.1337, 12.2331, 17.4392



12.7713, 7.2622, 2.9669



5.9360, 5.8695, 6.7691



11.9326, 5.9781, 8.3923



0.1607, 0.0790, 0.1800

Inverse Universe

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



14.5964, 7.9922, 12.5778



24.1337, 12.2331, 17.4392



15.1823, 22.5845, 26.2969



5.9360, 5.8695, 6.7691



11.9326, 5.9781, 8.3923



0.1607, 0.0790, 0.1800

Previews

White Background



This preview shows how the XYZ color 14.5962, 7.9918, 12.5777 looks on a white background.

Color Contrast Check

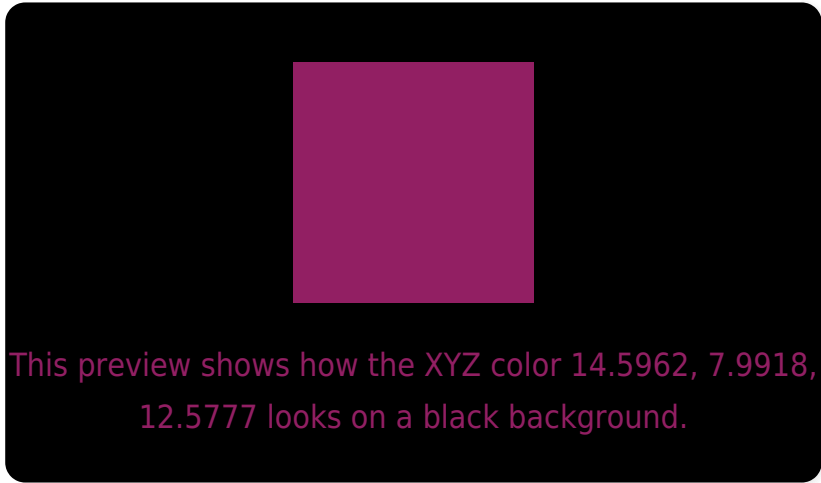
Large Text (above 18pt) WCAG AA ✓ Pass

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

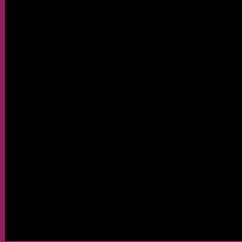
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5962, 7.9918, 12.5777

Background



This preview shows how black text looks on a background with the XYZ color 14.5962, 7.9918, 12.5777.



This preview shows how white text looks on a background with the XYZ color 14.5962, 7.9918,

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

14.5962, 7.9918, 12.5777

Protanopia

8.9658, 8.3914, 23.3375

Deuteranopia

8.4279, 8.2671, 11.5074



Tritanopia

12.7476, 8.0141, 3.8926

Trichromacy



Original Color

14.5962, 7.9918, 12.5777

Protanomaly

9.4882, 7.0499, 18.9498

Deuteranomaly

9.8516, 7.3973, 11.7351

Tritanomaly

13.1640, 7.8429, 6.2888

Monochromacy



Original Color

14.5962, 7.9918, 12.5777

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.2916, 6.3446, 8.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5962, 7.9918, 12.5777 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, 31, 99)` looks like.

```
.text, #text, p{  
    color:rgb(146, 31, 99)  
}
```

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, 31, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 31, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.5962, 7.9918, 12.5777 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, 31, 99) }
```


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

```
.border{ border-color:rgb(146, 31, 99) }
```

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

Here you see how a box with a 4 pixel rgb(146, 31, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 31, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 31, 99);  
box-shadow:4px 4px 4px 4px rgb(146, 31,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5962, 7.9918, 12.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 31, 99) }
```

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

```
.background{ background-color: rgb(146, 31,  
99) }
```

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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