

Converting Colors

XYZ(14.5338, 10.6759, 13.9875)

Have a look what the booklet for
XYZ(14.5338, 10.6759, 13.9875)
contains.

XYZ(14.5472, 10.6624, 13.8617)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5472, 10.6624,
13.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	864866
RGB	134, 72, 102
RGB Percent	53%, 28%, 40%
CMY	0.4745, 0.7176, 0.6000
CMYK	0.00, 0.46, 0.24, 0.47
HSL	331°, 30%, 40%
HSV	331°, 46%, 53%
XYZ	14.5472, 10.6624, 13.8617
YIQ	93.9580, 27.3220, 22.4740

Conversions

Conversions Part 2

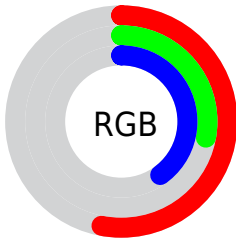
Format	Color
R_{YB}	134, 72, 102
Decimal	8800358
CIE _{Lab}	39.01, 30.36, -5.77
CIE _{LCh}	39, 30.904, 349.232
Yxy	10.6624, 0.3723, 0.2729
Android (android.graphics.Color)	4286990438 (0xFF864866)
YUV	93.9580, 3.9647, 35.1168
Hunter-Lab	32.6533, 22.3792, -2.3119

Details

The XYZ color **14.5472, 10.6624, 13.8617** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.6968, 19.4278, 16.1258**, and the grayscale version is **10.6161, 11.1690, 12.1630**.

A 20% lighter version of the original color is **33.6956, 27.0378, 33.5799**, and **4.4959, 2.7229, 3.9030** is the 20% darker color. If you saturate the color by 10%, you get **13.4447, 8.9835, 11.8719**, and if you desaturate by 10%, it is **15.8678, 12.7315, 16.0657**.

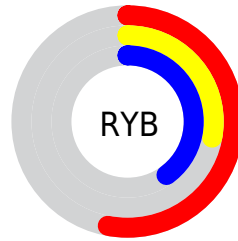
Distribution



Red (53%)

Green (28%)

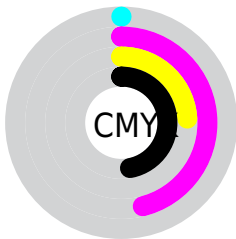
Blue (40%)



Red (53%)

Yellow (28%)

Blue (40%)

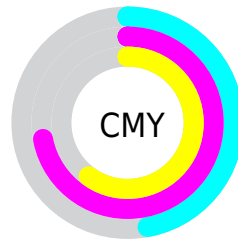


Cyan (0%)

Magenta (46%)

Yellow (24%)

Black (47%)



Cyan (47%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5472, 10.6624, 13.8617 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 14.5472, 10.6624, 13.8617 by changing the saturation by 10% instead.

■ 14.5472, 10.6624,
13.8617

■ 14.5472, 10.6624,
13.8617

214.0521,
195.3365, 227.7672

■ 8.5865, 5.8403,
7.8869

■ 33.6351, 27.0342,
33.5570

■ 4.5274, 2.7482,
3.9359

■ 47.4929, 39.3526,
48.1146

■ 2.0046, 1.0017,
1.5903

■ 64.7138, 54.9387,
66.3702

■ 0.6365, 0.0000,
0.2839

■ 85.6632, 74.1767,
88.7423

■ 0.0000, 0.0000,
0.0000

■ 110.7063, 97.4511,
115.6496

140.2086,

125.1463, 147.5104

174.5354,
157.6466, 184.7435

■ 14.5472, 10.6624,
13.8617

■ 14.5472, 10.6624,
13.8617

■ 13.4447, 8.9835,
11.8719

■ 15.8678, 12.7315,
16.0657

■ 12.5462, 7.6681,
10.0878

■ 17.4176, 15.2120,
18.4905

■ 11.8375, 6.6887,
8.5011

■ 19.2078, 18.1256,
21.1432

■ 11.3018, 6.0131,
7.1028

■ 21.2488, 21.4918,
24.0303

■ 10.9116, 5.5873,
5.8795

■ 23.5503, 25.3290,
27.1582

■ 10.7810, 5.4481,
5.4594

■ 26.1214, 29.6546,
30.5327

■ 28.9709, 34.4851,
34.1596

■ 32.1069, 39.8362,
38.0444

■ 35.5376, 45.7229,
42.1925

Harmonies

Analogous

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



13.4417, 10.6624, 20.7096



14.5472, 10.6624, 13.8617



14.3554, 10.6624, 8.2580

Triad

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



14.5472, 10.6624, 13.8617



8.8842, 10.6624, 3.8525



7.7605, 10.6624, 22.5010

Complementary

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



14.5472, 10.6624, 13.8617



13.6968, 19.4278, 16.1258

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.



6.8342, 10.6624, 15.7636



14.5472, 10.6624, 13.8617



7.4195, 10.6624, 5.6635

Square

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



14.5472, 10.6624, 13.8617



10.8929, 10.6624, 3.6484



6.7184, 10.6624, 9.6156



9.4118, 10.6624, 26.7093

Rectangle

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



14.5472, 10.6624, 13.8617



13.5243, 10.6624, 5.8092



6.7184, 10.6624, 9.6156



7.3642, 10.6624, 20.3686

Sweetspot

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



14.5475, 10.6629, 13.8619



34.5108, 33.0327, 38.2151



12.2145, 9.2402, 23.6942



7.6320, 7.2074, 8.4037



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5475, 10.6629, 13.8619



23.5197, 15.5767, 20.5976



13.3190, 10.1715, 7.3928



4.7595, 4.7235, 5.3456



10.1087, 5.1078, 5.1446



0.0387, 0.0192, 0.0371

Inverse Universe

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



14.5475, 10.6629, 13.8619



23.5197, 15.5767, 20.5976



15.5011, 20.1495, 25.6267



4.7595, 4.7235, 5.3456



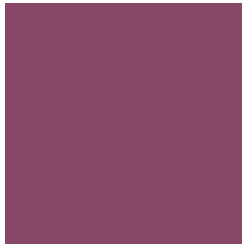
10.1087, 5.1078, 5.1446



0.0387, 0.0192, 0.0371

Previews

White Background



This preview shows how the XYZ color 14.5472, 10.6624, 13.8617 looks on a white background.

Color Contrast Check

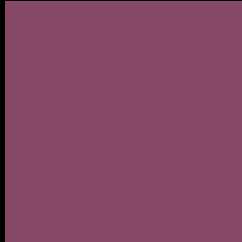
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5472, 10.6624, 13.8617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

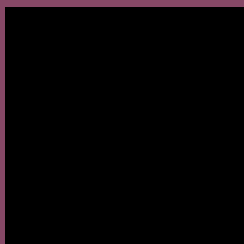
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5472, 10.6624, 13.8617

Background



This preview shows how black text looks on a background with the XYZ color 14.5472, 10.6624, 13.8617.



This preview shows how white text looks on a background with the XYZ color 14.5472, 10.6624,

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

14.5472, 10.6624, 13.8617

Protanopia

10.7661, 10.7462, 17.7264

Deuteranopia

10.9453, 10.8099, 13.3140



Tritanopia

13.6232, 10.6836, 9.3268

Trichromacy



Original Color

14.5472, 10.6624, 13.8617

Protanomaly

11.6937, 10.4095, 16.1448

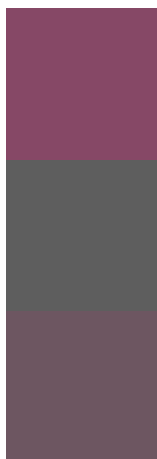
Deuteranomaly

11.9491, 10.4861, 13.4508

Tritanomaly

13.9921, 10.7400, 10.7867

Monochromacy



Original Color

14.5472, 10.6624, 13.8617

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.7921, 10.7699, 12.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5472, 10.6624, 13.8617 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(134, 72, 102)` looks like.

```
.text, #text, p{  
    color:rgb(134, 72, 102)  
}
```

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(134, 72, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 72, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.5472, 10.6624, 13.8617 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(134, 72, 102) }
```


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

```
.border{ border-color:rgb(134, 72, 102) }
```

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

Here you see how a box with a 4 pixel rgb(134, 72, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 72, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 72, 102);  
box-shadow:4px 4px 4px 4px rgb(134, 72,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5472, 10.6624, 13.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 72, 102) }
```

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

```
.background{ background-color: rgb(134, 72,  
102) }
```

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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