

# Converting Colors

XYZ(14.4446, 13.8797, 9.9939)

Have a look what the booklet for  
XYZ(14.4446, 13.8797, 9.9939)  
contains.

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# Color

**XYZ(14.4423, 13.8929,  
9.9030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D6352
RGB	125, 99, 82
RGB Percent	49%, 39%, 32%
CMY	0.5098, 0.6118, 0.6784
CMYK	0.00, 0.21, 0.34, 0.51
HSL	24°, 21%, 41%
HSV	24°, 34%, 49%
XYZ	14.4423, 13.8929, 9.9030
YIQ	104.8360, 20.9530, 0.2250

# Conversions

## Conversions Part 2

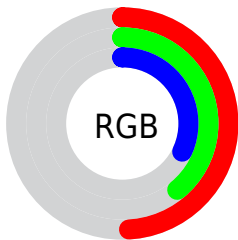
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 110, 82
Decimal	8217426
CIE <sub>Lab</sub>	44.08, 7.85, 13.64
CIE <sub>LCh</sub>	44, 15.739, 60.084
Yxy	13.8929, 0.3777, 0.3633
Android (android.graphics.Color)	4286407506 (0xFF7D6352)
YUV	104.8360, -11.2581, 17.6838
Hunter-Lab	37.2732, 3.9356, 10.3386

# Details

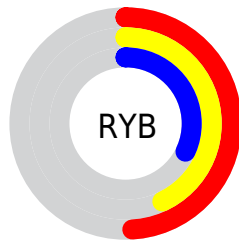
The XYZ color **14.4423, 13.8929, 9.9030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.5437, 13.9991, 21.4430**, and the grayscale version is **13.4087, 14.1070, 15.3626**.

A 20% lighter version of the original color is **33.3632, 32.9164, 26.0678**, and **4.4636, 4.0854, 2.3036** is the 20% darker color. If you saturate the color by 10%, you get **13.3266, 12.3546, 7.3943**, and if you desaturate by 10%, it is **15.7124, 15.6012, 12.8910**.

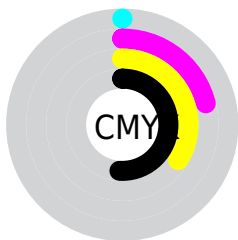
# Distribution



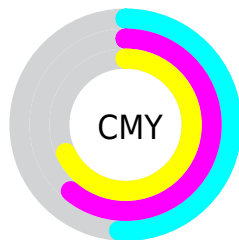
- Red (49%)
- Green (39%)
- Blue (32%)



- Red (49%)
- Yellow (43%)
- Blue (32%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (51%)




- Cyan (51%)
- Magenta (61%)
- Yellow (68%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4423, 13.8929, 9.9030 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 14.4423, 13.8929, 9.9030 by changing the saturation by 10% instead.




 14.4423, 13.8929,  
9.9030


 14.4423, 13.8929,  
9.9030


213.4213,  
216.5635, 200.4380


 8.5127, 8.0462,  
5.2299


 33.4515, 32.8989,  
26.2178


 4.4793, 4.1245,  
2.3217

 47.2619, 46.8270,  
38.6967


 1.9767, 1.7435,  
0.7433

 64.4298, 64.2176,  
54.6146

 0.6208, 0.4516,  
0.0000

 85.3208, 85.4553,  
74.3900

 0.0000, 0.0000,  
0.0000

 110.3000,  
110.9243, 98.4415

139.7329,

141.0091, 127.1876

173.9849,  
176.0940, 161.0469

■ 14.4423, 13.8929,  
9.9030

■ 14.4423, 13.8929,  
9.9030

■ 13.3266, 12.3546,  
7.3943

■ 15.7124, 15.6012,  
12.8910

■ 12.3577, 10.9788,  
5.3388

■ 17.1420, 17.4828,  
16.3811

■ 11.5289, 9.7604,  
3.7088

■ 18.7371, 19.5434,  
20.3955

■ 10.8325, 8.6928,  
2.4735

■ 20.5033, 21.7878,  
24.9549

■ 10.2597, 7.7695,  
1.5977

■ 22.4457, 24.2205,  
30.0787

■ 9.7992, 6.9821,  
1.0322

■ 24.5692, 26.8461,  
35.7855

■ 9.5738, 6.5926,  
0.7679

■ 26.8787, 29.6688,  
42.0930

■ 29.3787, 32.6927,  
49.0183

■ 32.0736, 35.9218,  
56.5774

# Harmonies

## Analogous

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



15.3996, 13.8929, 11.9272



14.4423, 13.8929, 9.9030



13.2012, 13.8929, 9.2264

# Triad

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



14.4423, 13.8929, 9.9030



10.9405, 13.8929, 15.1371



14.4488, 13.8929, 21.9122

# Complementary

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



14.4423, 13.8929, 9.9030



12.5437, 13.9991, 21.4430

# 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.



13.2083, 13.8929, 23.1230



14.4423, 13.8929, 9.9030



11.2291, 13.8929, 18.8534

# Square

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



14.4423, 13.8929, 9.9030



11.2259, 13.8929, 11.9421



12.0401, 13.8929, 21.9252



15.4035, 13.8929, 18.8330



# Rectangle

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



14.4423, 13.8929, 9.9030



12.3951, 13.8929, 9.5312



12.0401, 13.8929, 21.9252



14.0489, 13.8929, 22.5711

# Sweetspot

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



14.4427, 13.8935, 9.9033



31.8482, 32.8022, 32.2073



14.2092, 11.4884, 15.8006



7.1709, 7.3662, 7.1420



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970



# Same Dimension

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



14.4427, 13.8935, 9.9033



24.3214, 22.7606, 14.2473



16.6950, 18.3982, 10.6541



4.4564, 4.6016, 4.5734



9.9855, 6.8675, 0.7993



0.0000, 0.0000, 0.0000



# Inverse Universe

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



12.5437, 13.9991, 21.4430



20.3920, 22.9719, 38.1036



10.5910, 10.0937, 20.7922



4.3081, 4.6103, 5.4761



6.5232, 6.8648, 21.2312



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the XYZ color 14.4423, 13.8929, 9.9030 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 14.4423, 13.8929, 9.9030 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 14.4423, 13.8929, 9.9030**

## **Background**



This preview shows how black text looks on a background with the XYZ color 14.4423, 13.8929, 9.9030.



This preview shows how white text looks on a background with the XYZ color 14.4423, 13.8929,



# 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

14.4423, 13.8929, 9.9030

### Protanopia

13.1061, 13.9202, 10.3836

### Deuteranopia

14.1062, 13.8611, 9.9146



## Tritanopia

15.3834, 13.8570, 14.6958

# Trichromacy



## Original Color

14.4423, 13.8929, 9.9030

## Protanomaly

13.5152, 13.8403, 10.1427

## Deuteranomaly

14.2485, 13.9345, 9.9213

## Tritanomaly

14.9444, 13.8112, 12.7046

# Monochromacy



## Original Color

14.4423, 13.8929, 9.9030

## Achromatopsia

13.4271, 14.1263, 15.3836

## Achromatomaly

13.6900, 14.0083, 13.2916

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 14.4423, 13.8929, 9.9030 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(125, 99, 82)` looks like.

```
.text, #text, p{  
    color:rgb(125, 99, 82)  
}
```

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(125, 99, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 99, 82) }
```

## Border

The CSS property to change the border of an element to XYZ 14.4423, 13.8929, 9.9030 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(125, 99, 82) }
```



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

```
.border{ border-color:rgb(125, 99, 82) }
```

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

Here you see how a box with a 4 pixel rgb(125, 99, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 99, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 99, 82);  
box-shadow:4px 4px 4px 4px rgb(125, 99,  
82) }
```

# Background

The CSS property to change the background color of an element to XYZ 14.4423, 13.8929, 9.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 99, 82) }
```

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

```
.background{ background-color: rgb(125, 99,  
82) }
```

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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