

Converting Colors

XYZ(14.4098, 13.8106, 7.6100)

Have a look what the booklet for
XYZ(14.4098, 13.8106, 7.6100)
contains.

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Color

**XYZ(14.3439, 13.7542,
7.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	806245
RGB	128, 98, 69
RGB Percent	50%, 38%, 27%
CMY	0.4980, 0.6157, 0.7294
CMYK	0.00, 0.23, 0.46, 0.50
HSL	29°, 30%, 39%
HSV	29°, 46%, 50%
XYZ	14.3439, 13.7542, 7.5290
YIQ	103.6640, 27.1890, -2.6590

Conversions

Conversions Part 2

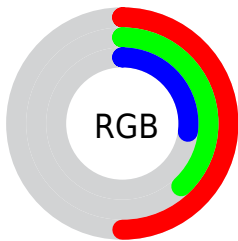
Format	Color
R_{YB}	128, 126, 69
Decimal	8413765
CIE _{Lab}	43.88, 8.11, 21.15
CIE _{LCh}	44, 22.649, 69.027
Yxy	13.7542, 0.4026, 0.3861
Android (android.graphics.Color)	4286603845 (0xFF806245)
YUV	103.6640, -17.0894, 21.3427
Hunter-Lab	37.0867, 4.1363, 13.9241

Details

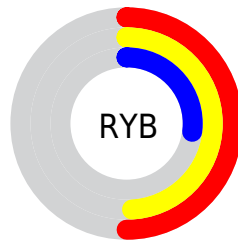
The XYZ color **14.3439, 13.7542, 7.5290** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.8121, 11.7468, 22.1195**, and the grayscale version is **13.1077, 13.7903, 15.0176**.

A 20% lighter version of the original color is **33.3089, 32.7480, 21.7050**, and **4.4640, 4.1040, 1.4766** is the 20% darker color. If you saturate the color by 10%, you get **13.4044, 12.4439, 5.4626**, and if you desaturate by 10%, it is **15.4194, 15.1992, 10.0640**.

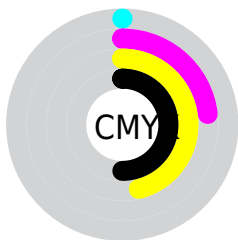
Distribution



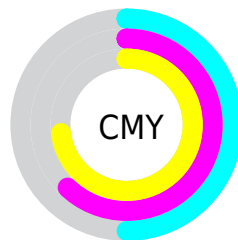
- Red (50%)
- Green (38%)
- Blue (27%)



- Red (50%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (46%)
- Black (50%)





- Cyan (50%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3439, 13.7542, 7.5290 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 14.3439, 13.7542, 7.5290 by changing the saturation by 10% instead.


 14.3439, 13.7542,
7.5290


 14.3439, 13.7542,
7.5290


212.8279,
215.6963, 181.7840


 8.4435, 7.9499,
3.7117


 33.2792, 32.6523,
21.5605


 4.4342, 4.0629,
1.4685

 47.0448, 46.5148,
32.6117

 1.9506, 1.7088,
0.1943

 64.1629, 63.8322,
46.9114

 0.6060, 0.4294,
0.0000

 84.9989, 84.9889,
64.8779

 0.0000, 0.0000,
0.0000

 109.9180,
110.3693, 86.9299

139.2856,

140.3577, 113.4859

173.4672,
175.3386, 144.9644

■ 14.3439, 13.7542,
7.5290

■ 14.3439, 13.7542,
7.5290

■ 13.4044, 12.4439,
5.4626

■ 15.4194, 15.1992,
10.0640

■ 12.5930, 11.2616,
3.8342

■ 16.6360, 16.7812,
13.0938

■ 11.9028, 10.2033,
2.6110

■ 17.9998, 18.5048,
16.6438

■ 11.3252, 9.2634,
1.7549

■ 19.5164, 20.3741,
20.7372

■ 10.8465, 8.4343,
1.1999

■ 21.1907, 22.3925,
25.3958

■ 10.6752, 8.1356,
1.0077

■ 23.0276, 24.5638,
30.6405

■ 25.0318, 26.8913,
36.4906

■ 27.2078, 29.3783,
42.9651

■ 29.5597, 32.0281,
50.0817

Harmonies

Analogous

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



15.9330, 13.7542, 9.5873



14.3439, 13.7542, 7.5290



12.5403, 13.7542, 7.1983

Triad

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



14.3439, 13.7542, 7.5290



9.9600, 13.7542, 16.5764



15.3621, 13.7542, 24.0122

Complementary

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



14.3439, 13.7542, 7.5290



10.8121, 11.7468, 22.1195

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.



13.6204, 13.7542, 26.9720



14.3439, 13.7542, 7.5290



10.5774, 13.7542, 22.0795

Square

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



14.3439, 13.7542, 7.5290



10.1154, 13.7542, 11.7178



11.8794, 13.7542, 26.1938



16.5571, 13.7542, 18.7882

Rectangle

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



14.3439, 13.7542, 7.5290



11.4731, 13.7542, 7.9050



11.8794, 13.7542, 26.1938



14.8151, 13.7542, 25.3535

Sweetspot

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



14.3442, 13.7549, 7.5293



32.1447, 33.1448, 30.5096



13.3055, 9.7556, 13.1077



7.4155, 7.6225, 6.8491



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.3442, 13.7549, 7.5293



23.5741, 21.8717, 9.5620



17.5677, 20.2018, 8.6038



4.4887, 4.6661, 4.5842



10.5867, 8.0698, 0.9996



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.8121, 11.7468, 22.1195



16.5591, 17.8826, 38.5352



8.5397, 7.2021, 21.3620



4.2754, 4.5449, 5.4652



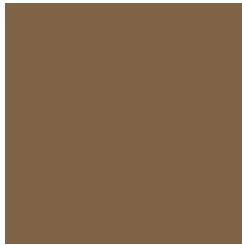
5.7436, 5.3057, 20.9713



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3439, 13.7542, 7.5290 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 14.3439, 13.7542, 7.5290 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 14.3439, 13.7542, 7.5290

Background



This preview shows how black text looks on a background with the XYZ color 14.3439, 13.7542, 7.5290.



This preview shows how white text looks on a background with the XYZ color 14.3439, 13.7542,

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

14.3439, 13.7542, 7.5290

Protanopia

12.7697, 13.8003, 7.9519

Deuteranopia

13.9935, 13.7133, 7.5396



Tritanopia

15.7117, 13.7703, 14.1418

Trichromacy



Original Color

14.3439, 13.7542, 7.5290

Protanomaly

13.3281, 13.7965, 7.7549

Deuteranomaly

14.1402, 13.7890, 7.5465

Tritanomaly

15.1013, 13.6515, 11.2903

Monochromacy



Original Color

14.3439, 13.7542, 7.5290

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4498, 13.7688, 11.8463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3439, 13.7542, 7.5290 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(128, 98, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 98, 69)  
}
```

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(128, 98, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 98, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.3439, 13.7542, 7.5290 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(128, 98, 69) }
```


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

```
.border{ border-color:rgb(128, 98, 69) }
```

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

Here you see how a box with a 4 pixel rgb(128, 98, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 98, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 98, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 98,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3439, 13.7542, 7.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 98, 69) }
```

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

```
.background{ background-color: rgb(128, 98,  
69) }
```

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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