

Converting Colors

XYZ(14.1782, 13.6356, 8.6039)

Have a look what the booklet for
XYZ(14.1782, 13.6356, 8.6039)
contains.

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Color

**XYZ(14.2419, 13.6790,
8.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	7E624B
RGB	126, 98, 75
RGB Percent	49%, 38%, 29%
CMY	0.5059, 0.6157, 0.7059
CMYK	0.00, 0.22, 0.40, 0.51
HSL	27°, 25%, 39%
HSV	27°, 40%, 49%
XYZ	14.2419, 13.6790, 8.5463
YIQ	103.7500, 24.0710, -1.2170

Conversions

Conversions Part 2

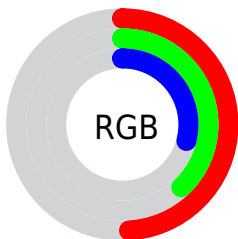
Format	Color
R_YB	126, 117, 75
Decimal	8282699
CIE Lab	43.77, 7.95, 17.42
CIE LCh	44, 19.145, 65.479
Yxy	13.6790, 0.3905, 0.3751
Android (android.graphics.Color)	4286472779 (0xFF7E624B)
YUV	103.7500, -14.1737, 19.5133
Hunter-Lab	36.9851, 4.0112, 12.1892

Details

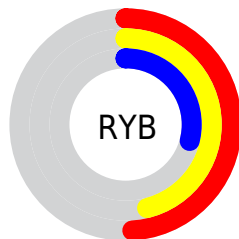
The XYZ color **14.2419, 13.6790, 8.5463** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.5177, 12.7023, 21.5835**, and the grayscale version is **13.1237, 13.8072, 15.0360**.

A 20% lighter version of the original color is **33.2079, 32.6534, 23.6213**, and **4.3770, 4.0508, 1.8475** is the 20% darker color. If you saturate the color by 10%, you get **13.2332, 12.2848, 6.2891**, and if you desaturate by 10%, it is **15.3926, 15.2206, 11.2727**.

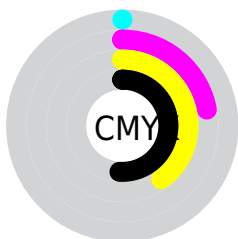
Distribution



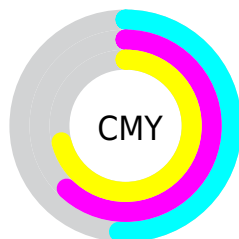
- Red (49%)
- Green (38%)
- Blue (29%)



- Red (49%)
- Yellow (46%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2419, 13.6790, 8.5463 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 14.2419, 13.6790, 8.5463 by changing the saturation by 10% instead.

■ 14.2419, 13.6790,
8.5463

■ 14.2419, 13.6790,
8.5463

212.2112,
215.2246, 190.0480

■ 8.3719, 7.8977,
4.3537

■ 33.1003, 32.5184,
23.5863

■ 4.3876, 4.0296,
1.8213

■ 46.8195, 46.3453,
35.2707

■ 1.9237, 1.6901,
0.4420

■ 63.8858, 63.6228,
50.2895

■ 0.5905, 0.4173,
0.0000

■ 84.6645, 84.7355,
69.0612

■ 0.0000, 0.0000,
0.0000

■ 109.5210,
110.0676, 92.0044

138.8208,

140.0036, 119.5376

172.9290,
174.9278, 152.0793

■ 14.2419, 13.6790,
8.5463

■ 14.2419, 13.6790,
8.5463

■ 13.2332, 12.2848,
6.2891

■ 15.3926, 15.2206,
11.2727

■ 12.3591, 11.0312,
4.4730

■ 16.6904, 16.9121,
14.4924

■ 11.6129, 9.9136,
3.0683

■ 18.1413, 18.7587,
18.2288

■ 10.9866, 8.9265,
2.0412

■ 19.7505, 20.7644,
22.5036

■ 10.4714, 8.0637,
1.3524

■ 21.5230, 22.9332,
27.3373

■ 10.0590, 7.3451,
0.8876

■ 23.4637, 25.2690,
32.7493

■ 25.5772, 27.7754,
38.7580

■ 27.8679, 30.4560,
45.3810

■ 30.3399, 33.3143,
52.6352

Harmonies

Analogous

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



15.5075, 13.6790, 10.5769



14.2419, 13.6790, 8.5463



12.7267, 13.6790, 8.0649

Triad

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



14.2419, 13.6790, 8.5463



10.3244, 13.6790, 15.7009



14.7574, 13.6790, 22.7281

Complementary

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



14.2419, 13.6790, 8.5463



11.5177, 12.7023, 21.5835

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.



13.2802, 13.6790, 24.7796



14.2419, 13.6790, 8.5463



10.7811, 13.6790, 20.2503

Square

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



14.2419, 13.6790, 8.5463



10.5387, 13.6790, 11.7078



11.8353, 13.6790, 23.7950



15.8209, 13.6790, 18.6117

Rectangle

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



14.2419, 13.6790, 8.5463



11.7940, 13.6790, 8.5869



11.8353, 13.6790, 23.7950



14.2887, 13.6790, 23.7149

Sweetspot

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



14.2422, 13.6796, 8.5466



31.4512, 32.4121, 30.8304



13.5711, 10.4482, 14.1467



7.0945, 7.2972, 6.8581



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.



14.2422, 13.6796, 8.5466



23.3482, 21.7010, 11.1888



17.0132, 19.2215, 9.4702



4.4750, 4.6388, 4.5796



10.3154, 7.5271, 0.9092



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.5177, 12.7023, 21.5835



17.8230, 19.7139, 37.6101



9.3602, 8.3874, 20.8643



4.2892, 4.5724, 5.4698



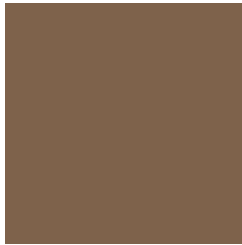
6.0532, 5.9248, 21.0745



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2419, 13.6790, 8.5463 looks on a white background.

Color Contrast Check

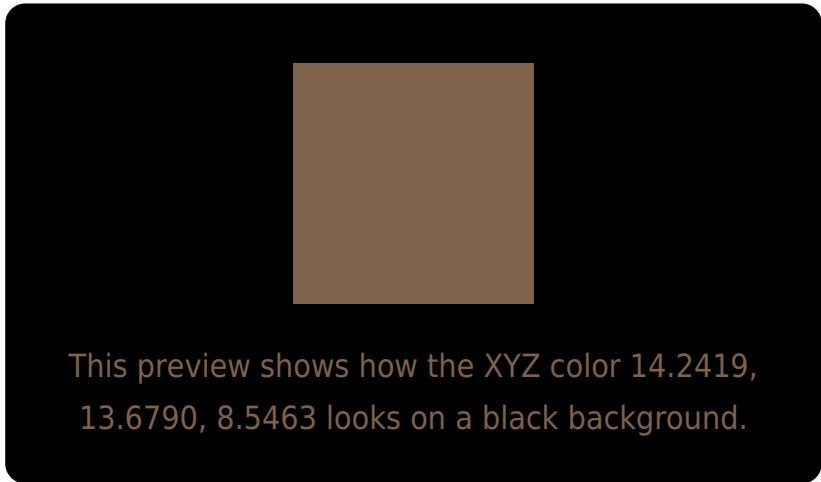
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.2419, 13.6790, 8.5463

Background



This preview shows how black text looks on a background with the XYZ color 14.2419, 13.6790, 8.5463.



This preview shows how white text looks on a background with the XYZ color 14.2419, 13.6790,

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

14.2419, 13.6790, 8.5463

Protanopia

12.8454, 13.8160, 9.0109

Deuteranopia

13.9002, 13.6426, 8.5573



Tritanopia

15.4542, 13.6318, 14.3871

Trichromacy



Original Color

14.2419, 13.6790, 8.5463

Protanomaly

13.2583, 13.7375, 8.7903

Deuteranomaly

14.0440, 13.7168, 8.5640

Tritanomaly

14.9261, 13.5463, 11.9532

Monochromacy



Original Color

14.2419, 13.6790, 8.5463

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4092, 13.7378, 12.3008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2419, 13.6790, 8.5463 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(126, 98, 75)` looks like.

```
.text, #text, p{  
    color:rgb(126, 98, 75)  
}
```

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(126, 98, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 98, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.2419, 13.6790, 8.5463 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(126, 98, 75) }
```


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

```
.border{ border-color:rgb(126, 98, 75) }
```

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

Here you see how a box with a 4 pixel rgb(126, 98, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 98, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 98, 75);  
box-shadow:4px 4px 4px 4px rgb(126, 98,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2419, 13.6790, 8.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 98, 75) }
```

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

```
.background{ background-color: rgb(126, 98,  
75) }
```

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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