

Converting Colors

XYZ(14.7030, 12.5000, 15.4513)

Have a look what the booklet for
XYZ(14.7030, 12.5000, 15.4513)
contains.

XYZ(14.7478, 12.4766, 15.5409)	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(14.7478, 12.4766,
15.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	7E586B
RGB	126, 88, 107
RGB Percent	49%, 35%, 42%
CMY	0.5059, 0.6549, 0.5804
CMYK	0.00, 0.30, 0.15, 0.51
HSL	330°, 18%, 42%
HSV	330°, 30%, 49%
XYZ	14.7478, 12.4766, 15.5409
YIQ	101.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

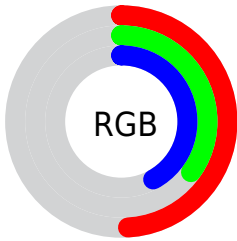
Format	Color
R_{YB}	126, 88, 107
Decimal	8280171
CIE _{Lab}	41.96, 18.83, -4.58
CIE _{LCh}	42, 19.384, 346.324
Yxy	12.4766, 0.3449, 0.2917
Android (android.graphics.Color)	4286470251 (0xFF7E586B)
YUV	101.5280, 2.6977, 21.4619
Hunter-Lab	35.3222, 12.7137, -1.3606

Details

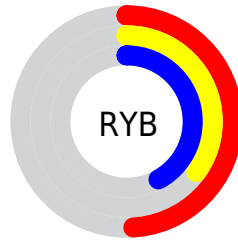
The XYZ color **14.7478, 12.4766, 15.5409** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1397, 18.0584, 16.6511**, and the grayscale version is **12.4969, 13.1477, 14.3178**.

A 20% lighter version of the original color is **33.8504, 30.2293, 36.3985**, and **4.6241, 3.5187, 4.7104** is the 20% darker color. If you saturate the color by 10%, you get **13.4821, 10.4564, 13.5428**, and if you desaturate by 10%, it is **16.2172, 14.8652, 17.7264**.

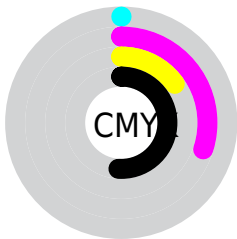
Distribution



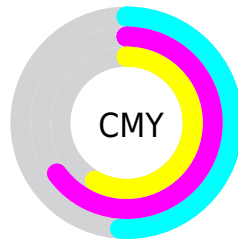
- Red (49%)
- Green (35%)
- Blue (42%)



- Red (49%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7478, 12.4766, 15.5409 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 14.7478, 12.4766, 15.5409 by changing the saturation by 10% instead.

■ 14.7478, 12.4766,
15.5409

■ 14.7478, 12.4766,
15.5409

215.2534,
207.5355, 238.3697

■ 8.7277, 7.0691,
9.0491

■ 33.9854, 30.3602,
36.5550

■ 4.6197, 3.5054,
4.6759

■ 47.9337, 43.6051,
51.9142

■ 2.0584, 1.4009,
2.0030

■ 65.2555, 60.2314,
71.0664

■ 0.6664, 0.2174,
0.5571

■ 86.3160, 80.6233,
94.4301

■ 0.0000, 0.0000,
0.0000

■ 111.4807,
105.1652, 122.4236

141.1149,

134.2416, 155.4658

175.5841,
168.2369, 193.9749

■ 14.7478, 12.4766,
15.5409

■ 14.7478, 12.4766,
15.5409

■ 13.4821, 10.4564,
13.5428

■ 16.2172, 14.8652,
17.7264

■ 12.4093, 8.7842,
11.7255

■ 17.8982, 17.6377,
20.1039

■ 11.5192, 7.4405,
10.0832

■ 19.7996, 20.8109,
22.6789

■ 10.8001, 6.4028,
8.6093

■ 21.9295, 24.4001,
25.4564

■ 10.2391, 5.6459,
7.2966

■ 24.2954, 28.4196,
28.4411

■ 9.8211, 5.1406,
6.1372

■ 26.9046, 32.8832,
31.6377

■ 9.5014, 4.7945,
5.1268

■ 29.7639, 37.8040,
35.0505

■ 32.8801, 43.1946,
38.6839

■ 36.2594, 49.0671,
42.5420

Harmonies

Analogous

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



13.9691, 12.4766, 19.8077



14.7478, 12.4766, 15.5409



14.7097, 12.4766, 11.4820

Triad

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



14.7478, 12.4766, 15.5409



11.0996, 12.4766, 7.3232



10.0528, 12.4766, 20.1417

Complementary

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



14.7478, 12.4766, 15.5409



14.1397, 18.0584, 16.6511

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.



9.4021, 12.4766, 15.9300



14.7478, 12.4766, 15.5409



9.9723, 12.4766, 8.8245

Square

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



14.7478, 12.4766, 15.5409



12.5233, 12.4766, 7.2607



9.3738, 12.4766, 11.8003



11.2179, 12.4766, 22.8042

Rectangle

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



14.7478, 12.4766, 15.5409



14.2244, 12.4766, 9.4198



9.3738, 12.4766, 11.8003



9.7709, 12.4766, 18.8260

Sweetspot

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



14.7482, 12.4772, 15.5412



31.8042, 31.5439, 35.8007



13.3196, 11.6122, 21.2783



7.1464, 7.0292, 8.0220



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.



14.7482, 12.4772, 15.5412



24.4315, 19.5150, 24.9684



13.8559, 12.1202, 10.8423



4.4104, 4.3773, 4.9658



9.7453, 4.9178, 5.2483



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7482, 12.4772, 15.5412



24.4315, 19.5150, 24.9684



15.2517, 18.5032, 22.5066



4.4104, 4.3773, 4.9658



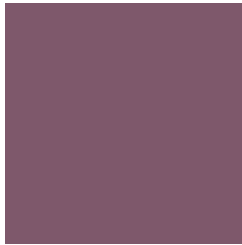
9.7453, 4.9178, 5.2483



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7478, 12.4766, 15.5409 looks on a white background.

Color Contrast Check

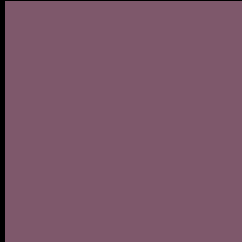
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7478, 12.4766, 15.5409 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 14.7478, 12.4766, 15.5409

Background



This preview shows how black text looks on a background with the XYZ color 14.7478, 12.4766, 15.5409.



This preview shows how white text looks on a background with the XYZ color 14.7478, 12.4766,

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

14.7478, 12.4766, 15.5409

Protanopia

12.4289, 12.6800, 17.7120

Deuteranopia

12.6765, 12.4498, 15.0995



Tritanopia

14.2713, 12.5354, 12.9767

Trichromacy



Original Color

14.7478, 12.4766, 15.5409

Protanomaly

13.1458, 12.5203, 16.7627

Deuteranomaly

13.3259, 12.3800, 15.3229

Tritanomaly

14.3788, 12.4443, 13.9561

Monochromacy



Original Color

14.7478, 12.4766, 15.5409

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3289, 12.9284, 14.8896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7478, 12.4766, 15.5409 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, 88, 107)` looks like.

```
.text, #text, p{  
    color:rgb(126, 88, 107)  
}
```

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, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 88, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.7478, 12.4766, 15.5409 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, 88, 107) }
```


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

```
.border{ border-color:rgb(126, 88, 107) }
```

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

Here you see how a box with a 4 pixel rgb(126, 88, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 88, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 88, 107);  
box-shadow:4px 4px 4px 4px rgb(126, 88,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7478, 12.4766, 15.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 88, 107) }
```

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

```
.background{ background-color: rgb(126, 88,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor