

Converting Colors

XYZ(15.4983, 14.1638, 16.4435)

Have a look what the booklet for
XYZ(15.4983, 14.1638, 16.4435)
contains.

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Color

**XYZ(15.4402, 14.1246,
16.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	7C626D
RGB	124, 98, 109
RGB Percent	49%, 38%, 43%
CMY	0.5137, 0.6157, 0.5725
CMYK	0.00, 0.21, 0.12, 0.51
HSL	335°, 12%, 44%
HSV	335°, 21%, 49%
XYZ	15.4402, 14.1246, 16.3805
YIQ	107.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

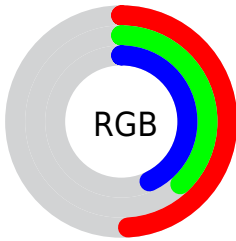
Format	Color
RYB	124, 98, 109
Decimal	8151661
CIELab	44.41, 12.43, -2.21
CIELCh	44, 12.622, 349.903
Yxy	14.1246, 0.3361, 0.3074
Android (android.graphics.Color)	4286341741 (0xFF7C626D)
YUV	107.0280, 0.9722, 14.8844
Hunter-Lab	37.5827, 7.5639, 0.4662

Details

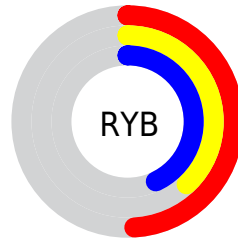
The XYZ color **15.4402, 14.1246, 16.3805** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2259, 18.2046, 18.3351**, and the grayscale version is **13.9783, 14.7063, 16.0151**.

A 20% lighter version of the original color is **35.2241, 33.3801, 37.8442**, and **4.9550, 4.2113, 5.1091** is the 20% darker color. If you saturate the color by 10%, you get **13.9991, 11.8338, 14.0767**, and if you desaturate by 10%, it is **17.0932, 16.7888, 18.9100**.

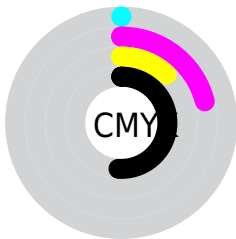
Distribution



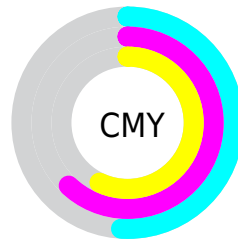
- Red (49%)
- Green (38%)
- Blue (43%)



- Red (49%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4402, 14.1246, 16.3805 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 15.4402, 14.1246, 16.3805 by changing the saturation by 10% instead.

■ 15.4402, 14.1246,
16.3805

■ 15.4402, 14.1246,
16.3805

219.3513,
218.0046, 243.4985

■ 9.2172, 8.2074,
9.6365

■ 35.1889, 33.3099,
38.0335

■ 4.9414, 4.2279,
5.0562

■ 49.4454, 47.3469,
53.7795

■ 2.2473, 1.8019,
2.2210

■ 67.1105, 64.8591,
73.3634

■ 0.7675, 0.4883,
0.6864

■ 88.5494, 86.2312,
97.2036

■ 0.0000, 0.0000,
0.0000

114.1276,
111.8473, 125.7187

144.2104,

142.0920, 159.3272

179.1632,
177.3496, 198.4476

■ 15.4402, 14.1246,
16.3805

■ 15.4402, 14.1246,
16.3805

■ 13.9991, 11.8338,
14.0767

■ 17.0932, 16.7888,
18.9100

■ 12.7597, 9.8976,
11.9910

■ 18.9654, 19.8401,
21.6707

■ 11.7128, 8.2986,
10.1167

■ 21.0652, 23.2941,
24.6689

■ 10.8479, 7.0170,
8.4463

■ 23.4000, 27.1647,
27.9104

■ 10.1534, 6.0311,
6.9719

■ 25.9771, 31.4653,
31.4009

■ 9.6163, 5.3164,
5.6849

■ 28.8033, 36.2087,
35.1458

■ 9.2216, 4.8441,
4.5755

■ 31.8854, 41.4070,
39.1504

■ 8.9424, 4.5372,
3.7072

■ 35.2296, 47.0721,
43.4198

■ 38.8420, 53.2152,
47.9588

Harmonies

Analogous

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



14.9744, 14.1246, 19.2688



15.4402, 14.1246, 16.3805



15.3456, 14.1246, 13.5534

Triad

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



15.4402, 14.1246, 16.3805



12.7713, 14.1246, 10.6984



12.2064, 14.1246, 20.0649

Complementary

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



15.4402, 14.1246, 16.3805



15.2259, 18.2046, 18.3351

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.



11.6718, 14.1246, 17.3622



15.4402, 14.1246, 16.3805



11.9863, 14.1246, 12.0519

Square

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



15.4402, 14.1246, 16.3805



13.7702, 14.1246, 10.5054



11.5933, 14.1246, 14.4197



13.0856, 14.1246, 21.5666

Rectangle

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



15.4402, 14.1246, 16.3805



14.9790, 14.1246, 12.0643



11.5933, 14.1246, 14.4197



11.9824, 14.1246, 19.2519

Sweetspot

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



15.4406, 14.1252, 16.3808



31.6197, 32.0470, 35.5685



14.7821, 13.6844, 20.9312



7.4078, 7.4839, 8.3192



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.



15.4406, 14.1252, 16.3808



25.9524, 22.9111, 26.9011



15.0490, 14.2309, 13.5097



4.0621, 4.0406, 4.5248



9.0894, 4.6119, 3.7620



42.9509, 21.8367, 15.8035

Inverse Universe

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



15.4406, 14.1252, 16.3808



25.9524, 22.9111, 26.9011



15.6679, 18.0370, 21.7247



4.0621, 4.0406, 4.5248



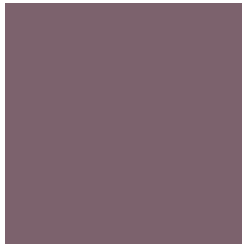
9.0894, 4.6119, 3.7620



42.9509, 21.8367, 15.8035

Previews

White Background



This preview shows how the XYZ color 15.4402, 14.1246, 16.3805 looks on a white background.

Color Contrast Check

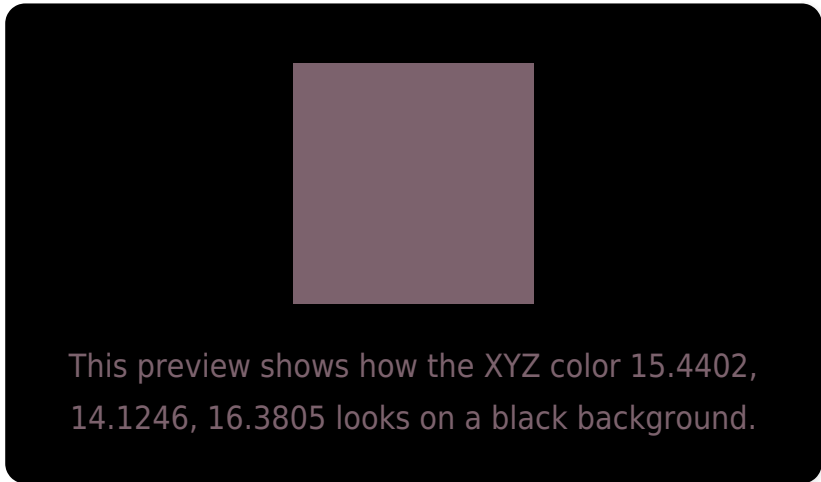
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4402, 14.1246, 16.3805

Background



This preview shows how black text looks on a background with the XYZ color 15.4402, 14.1246, 16.3805.



This preview shows how white text looks on a background with the XYZ color 15.4402, 14.1246,

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

15.4402, 14.1246, 16.3805

Protanopia

13.8579, 14.2987, 17.6523

Deuteranopia

14.3976, 14.1629, 16.1622



Tritanopia

15.2814, 14.0611, 15.5443

Trichromacy



Original Color

15.4402, 14.1246, 16.3805

Protanomaly

14.3581, 14.1173, 17.2974

Deuteranomaly

14.8317, 14.2416, 16.1546

Tritanomaly

15.3337, 14.0820, 15.8198

Monochromacy



Original Color

15.4402, 14.1246, 16.3805

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4671, 14.4940, 16.2225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4402, 14.1246, 16.3805 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(124, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(124, 98, 109)  
}
```

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(124, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 98, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.4402, 14.1246, 16.3805 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(124, 98, 109) }
```


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

```
.border{ border-color:rgb(124, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(124, 98,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4402, 14.1246, 16.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 98, 109) }
```

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

```
.background{ background-color: rgb(124, 98,  
109) }
```

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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