

Converting Colors

XYZ(15.1326, 14.3348, 14.8486)

Have a look what the booklet for
XYZ(15.1326, 14.3348, 14.8486)
contains.

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Color

**XYZ(15.0314, 14.2312,
14.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6467
RGB	122, 100, 103
RGB Percent	48%, 39%, 40%
CMY	0.5216, 0.6078, 0.5961
CMYK	0.00, 0.18, 0.16, 0.52
HSL	352°, 10%, 44%
HSV	352°, 18%, 48%
XYZ	15.0314, 14.2312, 14.7866
YIQ	106.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

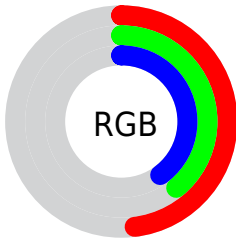
Format	Color
R_{YB}	122, 100, 103
Decimal	8021095
CIE Lab	44.56, 9.34, 1.62
CIE LCh	45, 9.483, 9.818
Yxy	14.2312, 0.3412, 0.3231
Android (android.graphics.Color)	4286211175 (0xFF7A6467)
YUV	106.9200, -1.9326, 13.2252
Hunter-Lab	37.7243, 5.1067, 3.1674

Details

The XYZ color **15.0314, 14.2312, 14.7866** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5454, 17.9607, 20.1011**, and the grayscale version is **13.9561, 14.6829, 15.9897**.

A 20% lighter version of the original color is **34.5785, 33.5803, 35.2310**, and **4.7346, 4.2482, 4.3118** is the 20% darker color. If you saturate the color by 10%, you get **13.4518, 11.8656, 11.8130**, and if you desaturate by 10%, it is **16.8538, 16.9753, 18.1704**.

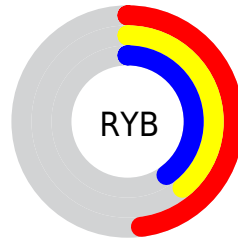
Distribution



Red (48%)

Green (39%)

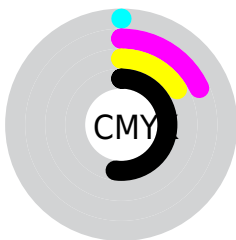
Blue (40%)



Red (48%)

Yellow (39%)

Blue (40%)

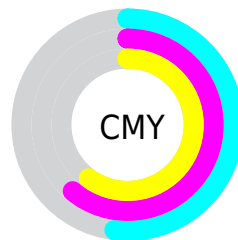


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0314, 14.2312, 14.7866 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 15.0314, 14.2312, 14.7866 by changing the saturation by 10% instead.

■ 15.0314, 14.2312,
14.7866

■ 15.0314, 14.2312,
14.7866

216.9408,
218.6644, 233.6670

■ 8.9279, 8.2816,
8.5248

■ 34.4795, 33.4987,
35.2154

■ 4.7509, 4.2757,
4.3400

■ 48.5547, 47.5854,
50.2194

■ 2.1351, 1.8289,
1.8137

■ 66.0179, 65.1533,
68.9746

■ 0.7082, 0.5051,
0.4369

■ 87.2345, 86.5868,
91.8995

■ 0.0000, 0.0000,
0.0000

112.5696,
112.2703, 119.4127

142.3889,

142.5881, 151.9326

177.0575,
177.9247, 189.8779

■ 15.0314, 14.2312,
14.7866

■ 15.0314, 14.2312,
14.7866

■ 13.4518, 11.8656,
11.8130

■ 16.8538, 16.9753,
18.1704

■ 12.1034, 9.8600,
9.2330

■ 18.9273, 20.1113,
21.9782

■ 10.9758, 8.1974,
7.0305

■ 21.2615, 23.6547,
26.2244

■ 10.0571, 6.8583,
5.1875

■ 23.8649, 27.6193,
30.9224

■ 9.3342, 5.8218,
3.6849

■ 26.7460, 32.0183,
36.0849

■ 8.7927, 5.0641,
2.5015

■ 29.9124, 36.8643,
41.7242

■ 8.4161, 4.5580,
1.6141

■ 33.3719, 42.1695,
47.8522

■ 8.1672, 4.2358,
0.9899

■ 37.1316, 47.9455,
54.4803

■ 8.1244, 4.1769,
0.8931

■ 41.1987, 54.2036,
61.6196

Harmonies

Analogous

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



14.9576, 14.2312, 16.9979



15.0314, 14.2312, 14.7866



14.6904, 14.2312, 12.9462

Triad

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



15.0314, 14.2312, 14.7866



12.6042, 14.2312, 12.4738



13.0241, 14.2312, 19.8051

Complementary

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



15.0314, 14.2312, 14.7866



15.5454, 17.9607, 20.1011

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.



12.4254, 14.2312, 18.3589



15.0314, 14.2312, 14.7866



12.1894, 14.2312, 14.0840

Square

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



15.0314, 14.2312, 14.7866



13.2765, 14.2312, 11.6967



12.1252, 14.2312, 16.2264



13.7792, 14.2312, 20.0384

Rectangle

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



15.0314, 14.2312, 14.7866



14.2810, 14.2312, 12.1251



12.1252, 14.2312, 16.2264



12.7987, 14.2312, 19.4386

Sweetspot

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



15.0318, 14.2318, 14.7869



30.6658, 31.3974, 33.8382



15.6371, 14.4209, 20.3719



6.9663, 7.1104, 7.6535



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.0318, 14.2318, 14.7869



25.1428, 23.0842, 23.5725



15.6577, 15.7202, 14.2664



4.0185, 4.0231, 4.2951



8.5515, 4.3968, 0.9294



40.6026, 20.8974, 3.4375

Inverse Universe

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



15.0318, 14.2318, 14.7869



25.1428, 23.0842, 23.5725



14.8201, 16.2174, 20.7617



4.0185, 4.0231, 4.2951



8.5515, 4.3968, 0.9294



40.6026, 20.8974, 3.4375

Previews

White Background



This preview shows how the XYZ color 15.0314, 14.2312, 14.7866 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 15.0314, 14.2312, 14.7866 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 15.0314, 14.2312, 14.7866

Background



This preview shows how black text looks on a background with the XYZ color 15.0314, 14.2312, 14.7866.



This preview shows how white text looks on a background with the XYZ color 15.0314, 14.2312,

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

15.0314, 14.2312, 14.7866

Protanopia

13.7165, 14.2696, 15.6670

Deuteranopia

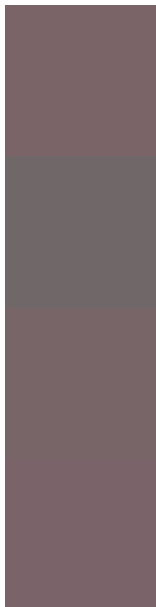
14.5357, 14.2639, 14.8191



Tritanopia

15.2841, 14.1962, 15.8445

Trichromacy



Original Color

15.0314, 14.2312, 14.7866

Protanomaly

14.0821, 14.1652, 15.3565

Deuteranomaly

14.7096, 14.2086, 14.7992

Tritanomaly

15.2317, 14.1752, 15.5690

Monochromacy



Original Color

15.0314, 14.2312, 14.7866

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2339, 14.3860, 15.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0314, 14.2312, 14.7866 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(122, 100, 103)` looks like.

```
.text, #text, p{  
    color:rgb(122, 100, 103)  
}
```

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(122, 100, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 100, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.0314, 14.2312, 14.7866 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(122, 100, 103) }
```


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

```
.border{ border-color:rgb(122, 100, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 100, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 100, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 100, 103);  
box-shadow:4px 4px 4px 4px rgb(122, 100,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0314, 14.2312, 14.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 100, 103) }
```

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

```
.background{ background-color: rgb(122,  
100, 103) }
```

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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