

Converting Colors

XYZ(15.0844, 12.3522, 18.1122)

Have a look what the booklet for
XYZ(15.0844, 12.3522, 18.1122)
contains.

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Color

**XYZ(15.0844, 12.3522,
18.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5674
RGB	126, 86, 116
RGB Percent	49%, 34%, 45%
CMY	0.5059, 0.6627, 0.5451
CMYK	0.00, 0.32, 0.08, 0.51
HSL	315°, 19%, 42%
HSV	315°, 32%, 49%
XYZ	15.0844, 12.3522, 18.1122
YIQ	101.3800, 14.2100, 17.8100

Conversions

Conversions Part 2

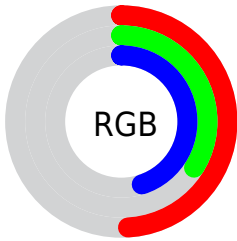
Format	Color
R_{YB}	126, 86, 116
Decimal	8279668
CIE _{Lab}	41.77, 21.70, -10.39
CIE _{LCh}	42, 24.056, 334.413
Yxy	12.3522, 0.3312, 0.2712
Android (android.graphics.Color)	4286469748 (0xFF7E5674)
YUV	101.3800, 7.2077, 21.5917
Hunter-Lab	35.1457, 15.1066, -5.9529

Details

The XYZ color **15.0844, 12.3522, 18.1122** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.4105, 17.7451, 13.7855**, and the grayscale version is **12.4476, 13.0959, 14.2614**.

A 20% lighter version of the original color is **34.4624, 30.0192, 41.0237**, and **4.7827, 3.4714, 5.8868** is the 20% darker color. If you saturate the color by 10%, you get **13.9856, 10.4428, 16.8572**, and if you desaturate by 10%, it is **16.3675, 14.6199, 19.4596**.

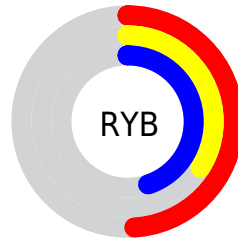
Distribution



Red (49%)

Green (34%)

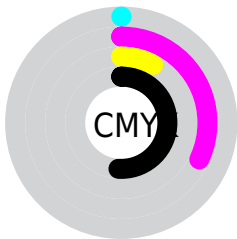
Blue (45%)



Red (49%)

Yellow (34%)

Blue (45%)

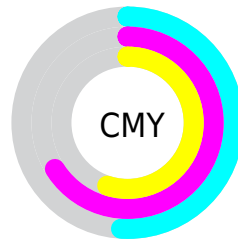


Cyan (0%)

Magenta (32%)

Yellow (8%)

Black (51%)



Cyan (51%)

Magenta (66%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0844, 12.3522, 18.1122 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 15.0844, 12.3522, 18.1122 by changing the saturation by 10% instead.

15.0844, 12.3522,
18.1122

15.0844, 12.3522,
18.1122

217.2548,
206.7232, 253.7600

8.9653, 6.9840,
10.8603

34.5716, 30.1350,
41.0449

4.7755, 3.4521,
5.8600

48.6705, 43.3183,
57.5629

2.1496, 1.3721,
2.6927

66.1600, 59.8755,
78.0065

0.7159, 0.1960,
0.9398

87.4055, 80.1910,
102.7945

0.0000, 0.0000,
0.0000

112.7724,
104.6491, 132.3453

142.6260,

133.6342, 167.0774

177.3317,
167.5308, 207.4095

■ 15.0844, 12.3522,
18.1122

■ 15.0844, 12.3522,
18.1122

■ 13.9856, 10.4428,
16.8572

■ 16.3675, 14.6199,
19.4596

■ 13.0607, 8.8715,
15.6904

■ 17.8425, 17.2616,
20.9018

■ 12.2998, 7.6183,
14.6083

■ 19.5179, 20.2940,
22.4420

■ 11.6915, 6.6609,
13.6068

■ 21.4014, 23.7323,
24.0832

■ 11.2231, 5.9735,
12.6814

■ 23.5002, 27.5909,
25.8279

■ 10.8795, 5.5265,
11.8268

■ 25.8212, 31.8835,
27.6788

■ 10.6471, 5.2528,
11.1600

■ 28.3710, 36.6231,
29.6383

■ 31.1559, 41.8223,
31.7089

■ 34.1819, 47.4931,
33.8927

Harmonies

Analogous

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



13.7702, 12.3522, 23.1967



15.0844, 12.3522, 18.1122



15.4701, 12.3522, 12.7135

Triad

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



15.0844, 12.3522, 18.1122



11.4805, 12.3522, 5.8855



9.1511, 12.3522, 19.7425

Complementary

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



15.0844, 12.3522, 18.1122



13.4105, 17.7451, 13.7855

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.



8.6642, 12.3522, 14.2133



15.0844, 12.3522, 18.1122



9.9205, 12.3522, 6.9057

Square

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



15.0844, 12.3522, 18.1122



13.2721, 12.3522, 6.4360



8.9312, 12.3522, 9.6646



10.3314, 12.3522, 24.2919

Rectangle

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



15.0844, 12.3522, 18.1122



15.1193, 12.3522, 9.8106



8.9312, 12.3522, 9.6646



8.9066, 12.3522, 17.8924

Sweetspot

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



15.0848, 12.3528, 18.1125



31.8287, 31.1452, 37.1894



11.9182, 10.6494, 21.1663



7.1668, 6.9526, 8.3904



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.



15.0848, 12.3528, 18.1125



25.1380, 19.2793, 30.2868



14.0438, 11.9364, 12.6307



4.4537, 4.3946, 5.1934



10.9210, 5.3881, 11.4398



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0848, 12.3528, 18.1125



25.1380, 19.2793, 30.2868



14.4515, 18.1615, 19.2673



4.4537, 4.3946, 5.1934



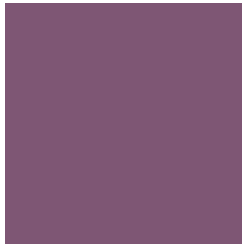
10.9210, 5.3881, 11.4398



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0844, 12.3522, 18.1122 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 15.0844, 12.3522, 18.1122 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 15.0844, 12.3522, 18.1122

Background



This preview shows how black text looks on a background with the XYZ color 15.0844, 12.3522, 18.1122.



This preview shows how white text looks on a background with the XYZ color 15.0844, 12.3522,

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

15.0844, 12.3522, 18.1122

Protanopia

12.4194, 12.4659, 20.8204

Deuteranopia

12.5870, 12.3473, 17.6395



Tritanopia

14.1260, 12.4605, 12.9699

Trichromacy



Original Color

15.0844, 12.3522, 18.1122

Protanomaly

13.1628, 12.3289, 19.7751

Deuteranomaly

13.3521, 12.2071, 17.8721

Tritanomaly

14.5285, 12.5042, 14.7445

Monochromacy



Original Color

15.0844, 12.3522, 18.1122

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.2148, 12.7213, 15.3946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0844, 12.3522, 18.1122 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, 86, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 86, 116)  
}
```

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, 86, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 86, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.0844, 12.3522, 18.1122 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, 86, 116) }
```


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

```
.border{ border-color:rgb(126, 86, 116) }
```

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

Here you see how a box with a 4 pixel rgb(126, 86, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 86, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 86, 116);  
box-shadow:4px 4px 4px 4px rgb(126, 86,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0844, 12.3522, 18.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 86, 116) }
```

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

```
.background{ background-color: rgb(126, 86,  
116) }
```

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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