

Converting Colors

XYZ(14.9708, 12.5441, 16.0614)

Have a look what the booklet for
XYZ(14.9708, 12.5441, 16.0614)
contains.

XYZ(15.0024, 12.5956, 16.1085)	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(15.0024, 12.5956,
16.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	7F586D
RGB	127, 88, 109
RGB Percent	50%, 35%, 43%
CMY	0.5020, 0.6549, 0.5725
CMYK	0.00, 0.31, 0.14, 0.50
HSL	328°, 18%, 42%
HSV	328°, 31%, 50%
XYZ	15.0024, 12.5956, 16.1085
YIQ	102.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

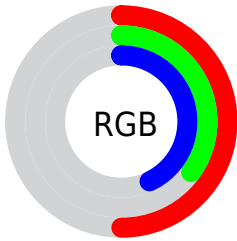
Format	Color
R_{YB}	127, 88, 109
Decimal	8345709
CIE Lab	42.15, 19.58, -5.52
CIE LCh	42, 20.344, 344.246
Yxy	12.5956, 0.3433, 0.2882
Android (android.graphics.Color)	4286535789 (0xFF7F586D)
YUV	102.0550, 3.4239, 21.8768
Hunter-Lab	35.4903, 13.3473, -2.0676

Details

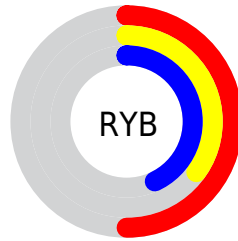
The XYZ color **15.0024, 12.5956, 16.1085** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2159, 18.2943, 16.4183**, and the grayscale version is **12.6323, 13.2902, 14.4730**.

A 20% lighter version of the original color is **34.2560, 30.4183, 37.3235**, and **4.7580, 3.5815, 4.9980** is the 20% darker color. If you saturate the color by 10%, you get **13.7443, 10.5675, 14.1839**, and if you desaturate by 10%, it is **16.4639, 14.9965, 18.2051**.

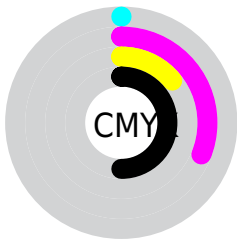
Distribution



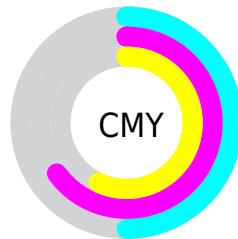
- Red (50%)
- Green (35%)
- Blue (43%)



- Red (50%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0024, 12.5956, 16.1085 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 15.0024, 12.5956, 16.1085 by changing the saturation by 10% instead.

■ 15.0024, 12.5956,
16.1085

■ 15.0024, 12.5956,
16.1085

216.7688,
208.3094, 241.8486

■ 8.9074, 7.1507,
9.4458

■ 34.4290, 30.5753,
37.5559

■ 4.7375, 3.5565,
4.9323

■ 48.4913, 43.8789,
53.1776

■ 2.1272, 1.4287,
2.1496

■ 65.9401, 60.5708,
72.6227

■ 0.7039, 0.2377,
0.6450

■ 87.1408, 81.0355,
96.3099

■ 0.0000, 0.0000,
0.0000

■ 112.4586,
105.6573, 124.6574

142.2590,

134.8206, 158.0841

176.9073,
168.9099, 197.0083

■ 15.0024, 12.5956,
16.1085

■ 15.0024, 12.5956,
16.1085

■ 13.7443, 10.5675,
14.1839

■ 16.4639, 14.9965,
18.2051

■ 12.6786, 8.8915,
12.4251

■ 18.1370, 17.7862,
20.4778

■ 11.7952, 7.5475,
10.8268


■ 20.0303, 20.9817,
22.9317


■ 11.0821, 6.5126,
9.3830


■ 22.1522, 24.5986,
25.5714


■ 10.5261, 5.7609,
8.0869


■ 24.5101, 28.6516,
28.4011


 10.1118, 5.2624,
6.9313

 27.1115, 33.1547,
31.4250

 9.8075, 4.9341,
5.9656

 29.9632, 38.1213,
34.6473

 33.0720, 43.5642,
38.0718

 36.4443, 49.4957,
41.7022

Harmonies

Analogous

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



14.1232, 12.5956, 20.6069



15.0024, 12.5956, 16.1085



15.0255, 12.5956, 11.7608

Triad

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



15.0024, 12.5956, 16.1085



11.2686, 12.5956, 7.1094



10.0025, 12.5956, 20.4038

Complementary

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



15.0024, 12.5956, 16.1085



14.2159, 18.2943, 16.4183

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.



9.3626, 12.5956, 15.8734



15.0024, 12.5956, 16.1085



10.0507, 12.5956, 8.5609

Square

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



15.0024, 12.5956, 16.1085



12.7808, 12.5956, 7.1462



9.3795, 12.5956, 11.5702



11.1975, 12.5956, 23.4215

Rectangle

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



15.0024, 12.5956, 16.1085



14.5469, 12.5956, 9.5321



9.3795, 12.5956, 11.5702



9.7200, 12.5956, 18.9699

Sweetspot

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



15.0028, 12.5962, 16.1088



32.9595, 32.6578, 37.3058



13.2115, 11.5491, 21.6116



7.6219, 7.4868, 8.6091



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.0028, 12.5962, 16.1088



25.2137, 19.8848, 26.3433



14.0859, 12.2294, 11.2805



4.4170, 4.3799, 5.0004



9.8904, 4.9759, 6.0127



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0028, 12.5962, 16.1088



25.2137, 19.8848, 26.3433



15.3191, 18.7356, 22.2278



4.4170, 4.3799, 5.0004



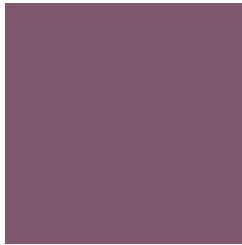
9.8904, 4.9759, 6.0127



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0024, 12.5956, 16.1085 looks on a white background.

Color Contrast Check

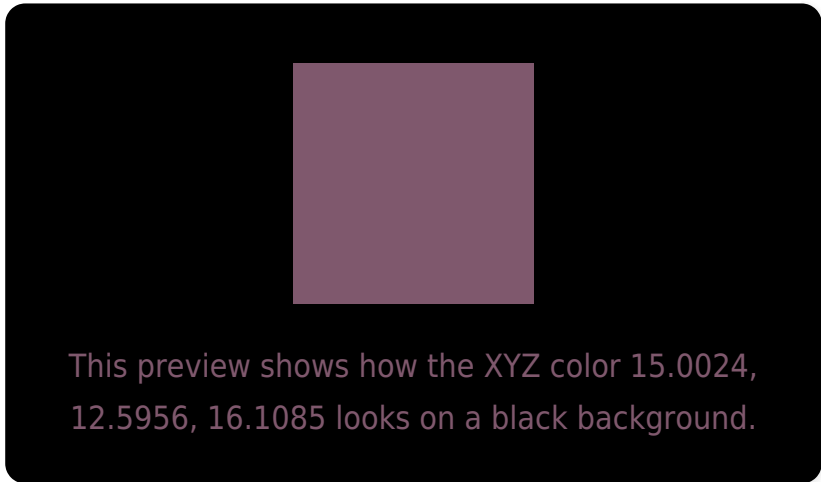
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0024, 12.5956, 16.1085

Background



This preview shows how black text looks on a background with the XYZ color 15.0024, 12.5956, 16.1085.



This preview shows how white text looks on a background with the XYZ color 15.0024, 12.5956,

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

15.0024, 12.5956, 16.1085

Protanopia

12.5440, 12.7260, 18.3182

Deuteranopia

12.8724, 12.6751, 15.6780



Tritanopia

14.4180, 12.6110, 12.9835

Trichromacy



Original Color

15.0024, 12.5956, 16.1085

Protanomaly

13.2572, 12.5648, 17.3493

Deuteranomaly

13.6489, 12.6655, 15.9127

Tritanomaly

14.5255, 12.5200, 13.9629

Monochromacy



Original Color

15.0024, 12.5956, 16.1085

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3800, 12.9488, 15.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0024, 12.5956, 16.1085 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(127, 88, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 88, 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(127, 88, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 88, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.0024, 12.5956, 16.1085 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(127, 88, 109) }
```


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

```
.border{ border-color:rgb(127, 88, 109) }
```

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

Here you see how a box with a 4 pixel rgb(127, 88, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 88,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0024, 12.5956, 16.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 88, 109) }
```

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

```
.background{ background-color: rgb(127, 88,  
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](#).

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