

Converting Colors

XYZ(16.4430, 15.0348, 17.9581)

Have a look what the booklet for
XYZ(16.4430, 15.0348, 17.9581)
contains.

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Color

**XYZ(16.4433, 15.0343,
17.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6572
RGB	127, 101, 114
RGB Percent	50%, 40%, 45%
CMY	0.5020, 0.6039, 0.5529
CMYK	0.00, 0.20, 0.10, 0.50
HSL	330°, 11%, 45%
HSV	330°, 20%, 50%
XYZ	16.4433, 15.0343, 17.9548
YIQ	110.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

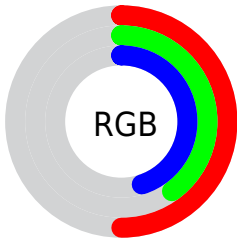
Format	Color
R_{YB}	127, 101, 114
Decimal	8349042
CIE _{Lab}	45.68, 12.74, -3.33
CIE _{LCh}	46, 13.164, 345.360
Yxy	15.0343, 0.3326, 0.3041
Android (android.graphics.Color)	4286539122 (0xFF7F6572)
YUV	110.2560, 1.8458, 14.6845
Hunter-Lab	38.7741, 7.8436, -0.3131

Details

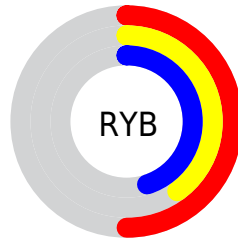
The XYZ color **16.4433, 15.0343, 17.9548** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9940, 19.1607, 18.7759**, and the grayscale version is **14.8875, 15.6628, 17.0568**.

A 20% lighter version of the original color is **36.9336, 34.9129, 40.8687**, and **5.4444, 4.6514, 5.7651** is the 20% darker color. If you saturate the color by 10%, you get **14.9553, 12.6167, 15.7369**, and if you desaturate by 10%, it is **18.1479, 17.8445, 20.3691**.

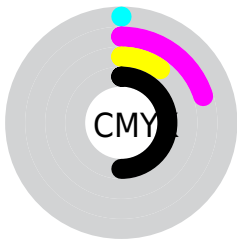
Distribution



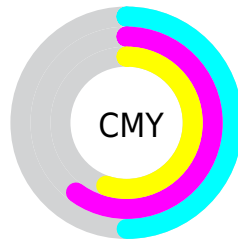
- Red (50%)
- Green (40%)
- Blue (45%)



- Red (50%)
- Yellow (40%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4433, 15.0343, 17.9548 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 16.4433, 15.0343, 17.9548 by changing the saturation by 10% instead.

■ 16.4433, 15.0343,
17.9548

■ 16.4433, 15.0343,
17.9548

225.1628,
223.5737, 252.8437

■ 9.9312, 8.8435,
10.7484

■ 36.9174, 34.9133,
40.7732

■ 5.4153, 4.6392,
5.7859

■ 51.6101, 49.3703,
57.2223

■ 2.5302, 2.0372,
2.6487

■ 69.7603, 67.3515,
77.5894

■ 0.9105, 0.6289,
0.9174

■ 91.7335, 89.2412,
102.2930

■ 0.0000, 0.0000,
0.0000

117.8950,
115.4239, 131.7517

148.6102,

146.2840, 166.3841

184.2443,
182.2058, 206.6085

■ 16.4433, 15.0343,
17.9548

■ 16.4433, 15.0343,
17.9548

■ 14.9553, 12.6167,
15.7369

■ 18.1479, 17.8445,
20.3691

■ 13.6733, 10.5719,
13.7089

■ 20.0763, 21.0617,
22.9841

■ 12.5878, 8.8816,
11.8651

■ 22.2373, 24.7021,
25.8052

■ 11.6881, 7.5252,
10.1994

■ 24.6385, 28.7806,
28.8374

■ 10.9622, 6.4797,
8.7050

■ 27.2873, 33.3112,
32.0853

■ 10.3968, 5.7193,
7.3747

■ 30.1908, 38.3072,
35.5533

■ 9.9764, 5.2140,
6.2001

■ 33.3558, 43.7815,
39.2460

■ 9.6635, 4.8765,
5.2073

■ 36.7887, 49.7464,
43.1676

■ 40.4958, 56.2139,
47.3221

Harmonies

Analogous

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



15.8538, 15.0343, 21.0235



16.4433, 15.0343, 17.9548



16.4357, 15.0343, 14.8118

Triad

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



16.4433, 15.0343, 17.9548



13.7348, 15.0343, 11.1798



12.8495, 15.0343, 21.0874

Complementary

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



16.4433, 15.0343, 17.9548



15.9940, 19.1607, 18.7759

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.



12.3390, 15.0343, 18.0334



16.4433, 15.0343, 17.9548



12.8319, 15.0343, 12.4591

Square

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



16.4433, 15.0343, 17.9548



14.8329, 15.0343, 11.1645



12.3328, 15.0343, 14.8809



13.7599, 15.0343, 22.9840

Rectangle

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



16.4433, 15.0343, 17.9548



16.0915, 15.0343, 13.0978



12.3328, 15.0343, 14.8809



12.6276, 15.0343, 20.1458

Sweetspot

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



16.4437, 15.0350, 17.9551



33.9427, 34.3569, 38.4578



15.4244, 14.4178, 22.0487



7.9053, 7.9746, 8.9474



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.



16.4437, 15.0350, 17.9551



28.0335, 24.6190, 30.0743



15.7556, 14.7597, 14.3313



4.4104, 4.3773, 4.9658



9.7452, 4.9178, 5.2480



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4437, 15.0350, 17.9551



28.0335, 24.6190, 30.0743



16.7874, 19.4780, 22.9536



4.4104, 4.3773, 4.9658



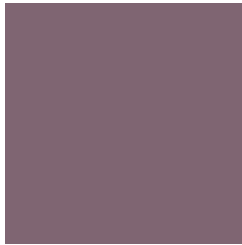
9.7452, 4.9178, 5.2480



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4433, 15.0343, 17.9548 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 16.4433, 15.0343, 17.9548 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

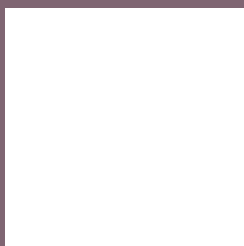
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.4433, 15.0343, 17.9548

Background



This preview shows how black text looks on a background with the XYZ color 16.4433, 15.0343, 17.9548.



This preview shows how white text looks on a background with the XYZ color 16.4433, 15.0343,

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

16.4433, 15.0343, 17.9548

Protanopia

14.6960, 15.1589, 19.2909

Deuteranopia

15.3683, 15.0773, 17.7230



Tritanopia

16.1700, 15.0642, 16.8073

Trichromacy



Original Color

16.4433, 15.0343, 17.9548

Protanomaly

15.2019, 14.9649, 18.9169

Deuteranomaly

15.8161, 15.1578, 17.7149

Tritanomaly

16.2248, 15.0861, 17.0957

Monochromacy



Original Color

16.4433, 15.0343, 17.9548

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.3294, 15.3761, 17.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4433, 15.0343, 17.9548 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, 101, 114)` looks like.

```
.text, #text, p{  
    color:rgb(127, 101, 114)  
}
```

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, 101, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 101, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.4433, 15.0343, 17.9548 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, 101, 114) }
```


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

```
.border{ border-color:rgb(127, 101, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 101, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 101, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 101, 114);  
box-shadow:4px 4px 4px 4px rgb(127, 101,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4433, 15.0343, 17.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 101, 114) }
```

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

```
.background{ background-color: rgb(127,  
101, 114) }
```

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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