

Converting Colors

XYZ(16.4210, 15.7993, 15.0885)

Have a look what the booklet for
XYZ(16.4210, 15.7993, 15.0885)
contains.

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Color

**XYZ(16.3546, 15.7994,
15.0196)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6A67
RGB	127, 106, 103
RGB Percent	50%, 42%, 40%
CMY	0.5020, 0.5843, 0.5961
CMYK	0.00, 0.17, 0.19, 0.50
HSL	8°, 10%, 45%
HSV	8°, 19%, 50%
XYZ	16.3546, 15.7994, 15.0196
YIQ	111.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

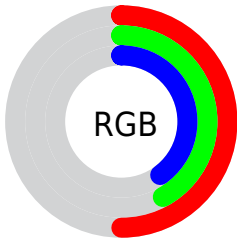
Format	Color
R_{YB}	127, 106, 103
Decimal	8350311
CIE _{Lab}	46.71, 7.80, 4.78
CIE _{LCh}	47, 9.149, 31.516
Yxy	15.7994, 0.3467, 0.3349
Android (android.graphics.Color)	4286540391 (0xFF7F6A67)
YUV	111.9370, -4.4059, 13.2103
Hunter-Lab	39.7485, 3.8845, 5.4202

Details

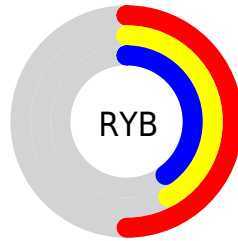
The XYZ color **16.3546, 15.7994, 15.0196** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6317, 18.8306, 22.8368**, and the grayscale version is **15.3927, 16.1944, 17.6357**.

A 20% lighter version of the original color is **36.7121, 36.1503, 35.6146**, and **5.4197, 5.0332, 4.4272** is the 20% darker color. If you saturate the color by 10%, you get **14.6932, 13.4204, 11.5561**, and if you desaturate by 10%, it is **18.2621, 18.5153, 19.0432**.

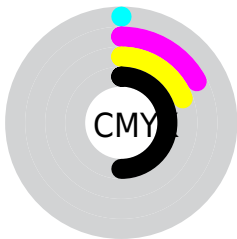
Distribution



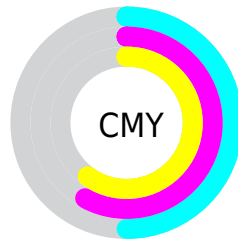
- Red (50%)
- Green (42%)
- Blue (40%)



- Red (50%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3546, 15.7994, 15.0196 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 16.3546, 15.7994, 15.0196 by changing the saturation by 10% instead.

■ 16.3546, 15.7994,
15.0196

■ 16.3546, 15.7994,
15.0196

224.6546,
228.1551, 235.1297

■ 9.8679, 9.3823,
8.6864

■ 36.7652, 36.2496,
35.6303

■ 5.3730, 4.9914,
4.4432

■ 51.4198, 51.0515,
50.7449

■ 2.5047, 2.2422,
1.8715

■ 69.5277, 69.4171,
69.6237

■ 0.8976, 0.7429,
0.4745

■ 91.4543, 91.7309,
92.6853

■ 0.0000, 0.0000,
0.0000

117.5649,
118.3772, 120.3481

148.2250,

149.7404, 153.0308

183.7997,
186.2049, 191.1518

■ 16.3546, 15.7994,
15.0196

■ 16.3546, 15.7994,
15.0196

■ 14.6932, 13.4204,
11.5561

■ 18.2621, 18.5153,
19.0432

■ 13.2667, 11.3631,
8.6270

■ 20.4238, 21.5784,
23.6493

■ 12.0646, 9.6144,
6.2059

■ 22.8491, 25.0010,
28.8601

■ 11.0755, 8.1593,
4.2637

■ 25.5465, 28.7944,
34.6964

■ 10.2868, 6.9816,
2.7687

■ 28.5242, 32.9692,
41.1781

■ 9.6846, 6.0635,
1.6848

■ 31.7898, 37.5356,
48.3241

■ 9.2530, 5.3853,
0.9708

■ 35.3509, 42.5035,
56.1525

■ 8.9623, 4.9196,
0.5174

■ 39.2147, 47.8825,
64.6808

■ 8.9361, 4.8793,
0.4708

■ 43.3881, 53.6817,
73.9259

Harmonies

Analogous

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



16.5933, 15.7994, 17.0876



16.3546, 15.7994, 15.0196



15.7558, 15.7994, 13.6430

Triad

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



16.3546, 15.7994, 15.0196



13.7161, 15.7994, 15.2031



15.0572, 15.7994, 21.9479

Complementary

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



16.3546, 15.7994, 15.0196



16.6317, 18.8306, 22.8368

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.



14.3013, 15.7994, 21.3337



16.3546, 15.7994, 15.0196



13.5436, 15.7994, 17.3187

Square

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



16.3546, 15.7994, 15.0196



14.2338, 15.7994, 13.7422



13.7541, 15.7994, 19.5881



15.8281, 15.7994, 21.2006

Rectangle

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



16.3546, 15.7994, 15.0196



15.2429, 15.7994, 13.2351



13.7541, 15.7994, 19.5881



14.7930, 15.7994, 21.8935

Sweetspot

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



16.3550, 15.8001, 15.0199



33.7231, 34.6043, 36.2679



17.2535, 15.6730, 21.2511



7.8498, 8.0370, 8.3942



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

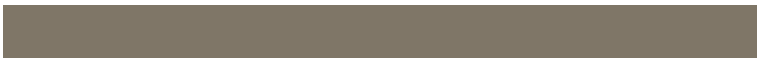
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.3550, 15.8001, 15.0199



27.8505, 26.2391, 23.8905



17.6556, 18.4012, 15.4534



4.3678, 4.4243, 4.5439



9.0116, 4.9197, 0.4746



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.6317, 18.8306, 22.8368



28.4476, 32.7873, 40.7855



15.2407, 16.0486, 22.3731



4.4020, 4.7980, 5.5074



9.6079, 13.0343, 22.2594



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3546, 15.7994, 15.0196 looks on a white background.

Color Contrast Check

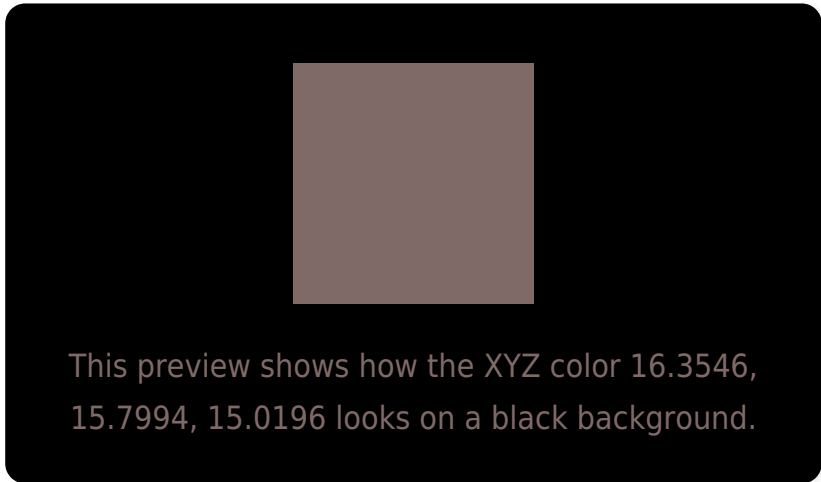
Large Text (above 18pt) WCAG AA ✓ Pass

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

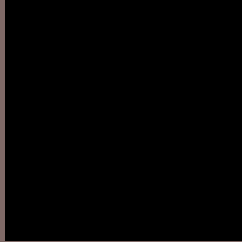
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3546, 15.7994, 15.0196

Background



This preview shows how black text looks on a background with the XYZ color 16.3546, 15.7994, 15.0196.



This preview shows how white text looks on a background with the XYZ color 16.3546, 15.7994,

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

16.3546, 15.7994, 15.0196

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

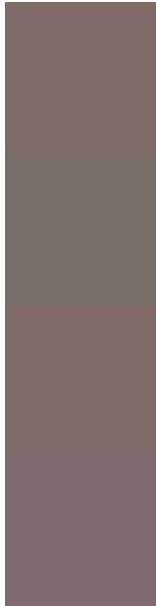
16.1633, 15.8546, 15.0403



Tritanopia

16.9343, 15.8846, 17.7963

Trichromacy



Original Color

16.3546, 15.7994, 15.0196

Protanomaly

15.5751, 15.8587, 15.3368

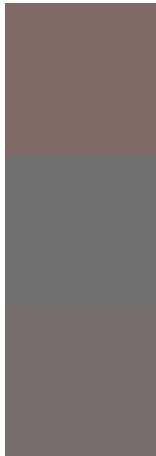
Deuteranomaly

16.3101, 15.9303, 15.0472

Tritanomaly

16.7140, 15.7965, 16.6361

Monochromacy



Original Color

16.3546, 15.7994, 15.0196

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6724, 16.0379, 16.7376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3546, 15.7994, 15.0196 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, 106, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 106, 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(127, 106, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 106, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.3546, 15.7994, 15.0196 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, 106, 103) }
```


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

```
.border{ border-color:rgb(127, 106, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 106, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 106, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 106, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 106,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3546, 15.7994, 15.0196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 106, 103) }
```

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

```
.background{ background-color: rgb(127,  
106, 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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