

Converting Colors

XYZ(15.9768, 16.0524, 15.0400)

Have a look what the booklet for
XYZ(15.9768, 16.0524, 15.0400)
contains.

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Color

**XYZ(15.9429, 16.0541,
15.0904)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6D67
RGB	122, 109, 103
RGB Percent	48%, 43%, 40%
CMY	0.5216, 0.5725, 0.5961
CMYK	0.00, 0.11, 0.16, 0.52
HSL	19°, 8%, 44%
HSV	19°, 16%, 48%
XYZ	15.9429, 16.0541, 15.0904
YIQ	112.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

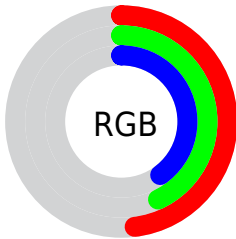
Format	Color
R_{YB}	122, 112, 103
Decimal	8023399
CIE Lab	47.05, 4.00, 5.20
CIE LCh	47, 6.560, 52.415
Yxy	16.0541, 0.3386, 0.3409
Android (android.graphics.Color)	4286213479 (0xFF7A6D67)
YUV	112.2030, -4.5371, 8.5920
Hunter-Lab	40.0676, 0.9070, 5.7173

Details

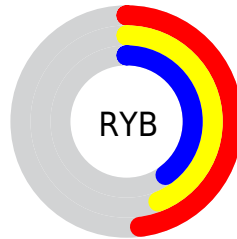
The XYZ color **15.9429, 16.0541, 15.0904** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3518, 16.7793, 20.8423**, and the grayscale version is **15.4720, 16.2777, 17.7264**.

A 20% lighter version of the original color is **36.0827, 36.5887, 35.7324**, and **5.1841, 5.1472, 4.4617** is the 20% darker color. If you saturate the color by 10%, you get **14.5263, 14.1304, 11.8143**, and if you desaturate by 10%, it is **17.5343, 18.1841, 18.8660**.

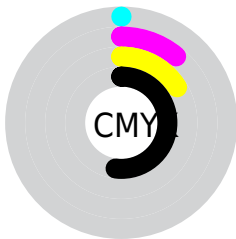
Distribution



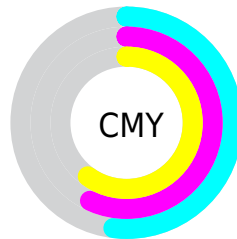
- Red (48%)
- Green (43%)
- Blue (40%)



- Red (48%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9429, 16.0541, 15.0904 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 15.9429, 16.0541, 15.0904 by changing the saturation by 10% instead.

■ 15.9429, 16.0541,
15.0904

■ 15.9429, 16.0541,
15.0904

222.2816,
229.6607, 235.5723

■ 9.5743, 9.5624,
8.7355

■ 36.0573, 36.6921,
35.7562

■ 5.1778, 5.1098,
4.4746

■ 50.5338, 51.6072,
50.9043

■ 2.3878, 2.3118,
1.8892

■ 68.4438, 70.0990,
69.8205

■ 0.8390, 0.7800,
0.4858

■ 90.1524, 92.5517,
92.9233

■ 0.0000, 0.0000,
0.0000

116.0252,
119.3499, 120.6314

146.4274,

150.8779, 153.3632

181.7244,
187.5200, 191.5374

■ 15.9429, 16.0541,
15.0904

■ 15.9429, 16.0541,
15.0904

■ 14.5263, 14.1304,
11.8143

■ 17.5343, 18.1841,
18.8660

■ 13.2771, 12.4046,
9.0157

■ 19.3051, 20.5243,
23.1600

■ 12.1890, 10.8709,
6.6722

■ 21.2612, 23.0810,
27.9915

■ 11.2550, 9.5223,
4.7595

■ 23.4081, 25.8596,
33.3781

■ 10.4675, 8.3516,
3.2508

■ 25.7509, 28.8656,
39.3369

■ 9.8181, 7.3507,
2.1163

■ 28.2944, 32.1039,
45.8842

■ 9.2977, 6.5111,
1.3220

■ 31.0435, 35.5796,
53.0355

■ 8.8920, 5.8220,
0.8102

■ 34.0026, 39.2973,
60.8059

■ 8.7367, 5.5586,
0.6124

■ 37.1763, 43.2618,
69.2098

Harmonies

Analogous

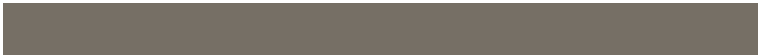
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.3034, 16.0541, 16.3010



15.9429, 16.0541, 15.0904



15.4053, 16.0541, 14.5271

Triad

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



15.9429, 16.0541, 15.0904



14.1896, 16.0541, 17.0658



15.6842, 16.0541, 20.5720

Complementary

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



15.9429, 16.0541, 15.0904



15.3518, 16.7793, 20.8423

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.



15.1135, 16.0541, 20.8085



15.9429, 16.0541, 15.0904



14.2600, 16.0541, 18.7149

Square

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



15.9429, 16.0541, 15.0904



14.3999, 16.0541, 15.6201



14.5948, 16.0541, 20.1098



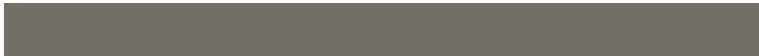
16.1514, 16.0541, 19.4824

Rectangle

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



15.9429, 16.0541, 15.0904



15.0226, 16.0541, 14.5681



14.5948, 16.0541, 20.1098



15.4977, 16.0541, 20.7566

Sweetspot

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



15.9433, 16.0548, 15.0907



30.9819, 32.1694, 33.5129



16.0464, 15.1063, 18.6850



7.0461, 7.3051, 7.5716



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

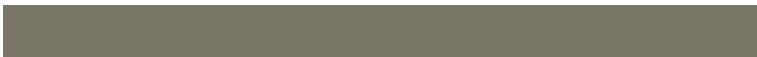
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9433, 16.0548, 15.0907



27.0446, 26.8875, 24.2075



16.9765, 18.1212, 15.4351



4.0921, 4.2026, 4.2200



9.1912, 5.8384, 0.6425



43.1583, 26.4800, 2.8365

Inverse Universe

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



15.3518, 16.7793, 20.8423



25.7774, 28.4379, 36.5234



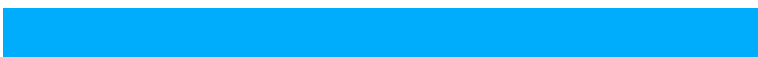
14.3435, 14.7627, 20.5062



4.0053, 4.3090, 5.0638



6.9848, 8.0521, 20.5714



32.5287, 36.8299, 97.8642

Previews

White Background



This preview shows how the XYZ color 15.9429, 16.0541, 15.0904 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 15.9429, 16.0541, 15.0904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

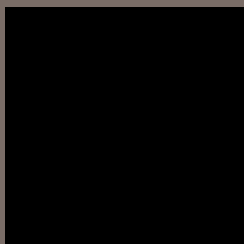
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

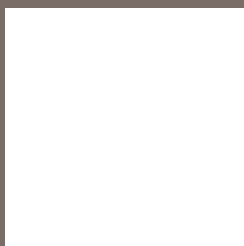
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9429, 16.0541, 15.0904

Background



This preview shows how black text looks on a background with the XYZ color 15.9429, 16.0541, 15.0904.

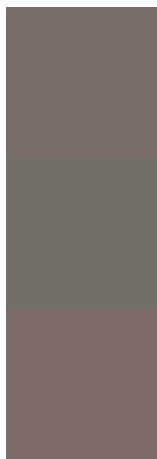


This preview shows how white text looks on a background with the XYZ color 15.9429, 16.0541,

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

15.9429, 16.0541, 15.0904

Protanopia

15.2534, 16.0132, 15.3836

Deuteranopia

16.2682, 16.0644, 15.0753



Tritanopia

16.7223, 16.0614, 18.7418

Trichromacy



Original Color

15.9429, 16.0541, 15.0904

Protanomaly

15.5458, 16.0029, 15.3662

Deuteranomaly

16.1229, 15.9895, 15.0685

Tritanomaly

16.4002, 16.0838, 17.2790

Monochromacy



Original Color

15.9429, 16.0541, 15.0904

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6472, 16.1860, 16.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9429, 16.0541, 15.0904 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, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(122, 109, 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, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 109, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.9429, 16.0541, 15.0904 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, 109, 103) }
```


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

```
.border{ border-color:rgb(122, 109, 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, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(122, 109,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9429, 16.0541, 15.0904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 109, 103) }
```

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

```
.background{ background-color: rgb(122,  
109, 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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