

Converting Colors

XYZ(16.0807, 15.9560, 15.5969)

Have a look what the booklet for
XYZ(16.0807, 15.9560, 15.5969)
contains.

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Color

**XYZ(16.0807, 15.9560,
15.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6C69
RGB	123, 108, 105
RGB Percent	48%, 42%, 41%
CMY	0.5176, 0.5765, 0.5882
CMYK	0.00, 0.12, 0.15, 0.52
HSL	10°, 8%, 45%
HSV	10°, 15%, 48%
XYZ	16.0807, 15.9560, 15.5969
YIQ	112.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

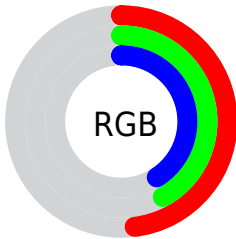
Format	Color
R_{YB}	123, 109, 105
Decimal	8088681
CIE _{Lab}	46.92, 5.35, 3.83
CIE _{LCh}	47, 6.578, 35.617
Yxy	15.9560, 0.3376, 0.3350
Android (android.graphics.Color)	4286278761 (0xFF7B6C69)
YUV	112.1430, -3.5215, 9.5216
Hunter-Lab	39.9450, 1.9553, 4.8111

Details

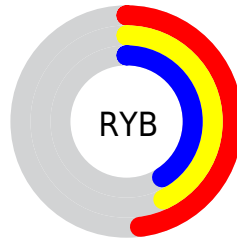
The XYZ color **16.0807, 15.9560, 15.5969** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1172, 17.8658, 21.3379**, and the grayscale version is **15.4514, 16.2561, 17.7029**.

A 20% lighter version of the original color is **36.3034, 36.4267, 36.5701**, and **5.2565, 5.0988, 4.7101** is the 20% darker color. If you saturate the color by 10%, you get **14.4757, 13.6856, 12.1652**, and if you desaturate by 10%, it is **17.9051, 18.5186, 19.5533**.

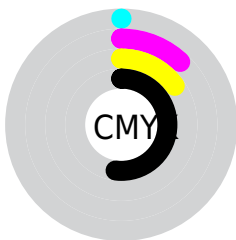
Distribution



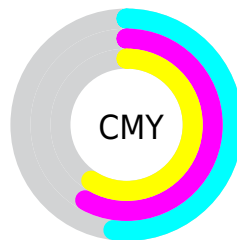
- Red (48%)
- Green (42%)
- Blue (41%)



- Red (48%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0807, 15.9560, 15.5969 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 16.0807, 15.9560, 15.5969 by changing the saturation by 10% instead.

■ 16.0807, 15.9560,
15.5969

■ 16.0807, 15.9560,
15.5969

223.0785,
229.0819, 238.7152

■ 9.6725, 9.4930,
9.0881

■ 36.2946, 36.5218,
36.6540

■ 5.2429, 5.0641,
4.7011

■ 50.8309, 51.3934,
52.0393

■ 2.4267, 2.2849,
2.0173

■ 68.8074, 69.8367,
71.2206

■ 0.8585, 0.7657,
0.5659

■ 90.5893, 92.2360,
94.6164

■ 0.0000, 0.0000,
0.0000

116.5420,
118.9758, 122.6452

147.0308,

150.4405, 155.7256

182.4212,
187.0144, 194.2761

■ 16.0807, 15.9560,
15.5969

■ 16.0807, 15.9560,
15.5969

■ 14.4757, 13.6856,
12.1652

■ 17.9051, 18.5186,
19.5533

■ 13.0806, 11.6948,
9.2352

■ 19.9554, 21.3810,
24.0541

■ 11.8868, 9.9735,
6.7836

■ 22.2396, 24.5534,
29.1193

■ 10.8851, 8.5100,
4.7848

■ 24.7648, 28.0445,
34.7676

■ 10.0651, 7.2918,
3.2110

■ 27.5376, 31.8631,
41.0166

■ 9.4155, 6.3053,
2.0310

■ 30.5648, 36.0173,
47.8834

■ 8.9240, 5.5355,
1.2098

■ 33.8526, 40.5152,
55.3845

■ 8.5743, 4.9650,
0.6960

■ 37.4069, 45.3643,
63.5354

■ 8.4278, 4.7297,
0.4687

■ 41.2338, 50.5722,
72.3514

Harmonies

Analogous

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



16.2908, 15.9560, 17.0658



16.0807, 15.9560, 15.5969



15.6259, 15.9560, 14.6506

Triad

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



16.0807, 15.9560, 15.5969



14.1825, 15.9560, 16.1009



15.2740, 15.9560, 20.7126

Complementary

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



16.0807, 15.9560, 15.5969



16.1172, 17.8658, 21.3379

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.



14.7146, 15.9560, 20.4142



16.0807, 15.9560, 15.5969



14.0936, 15.9560, 17.6846

Square

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



16.0807, 15.9560, 15.5969



14.5320, 15.9560, 14.9285



14.2861, 15.9560, 19.2799



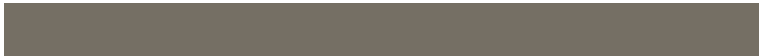
15.8175, 15.9560, 20.0716

Rectangle

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



16.0807, 15.9560, 15.5969



15.2502, 15.9560, 14.4086



14.2861, 15.9560, 19.2799



15.0815, 15.9560, 20.7193

Sweetspot

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



16.0811, 15.9567, 15.5972



32.2496, 33.4226, 35.4212



16.6102, 15.6704, 19.9186



7.5416, 7.7965, 8.2252



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

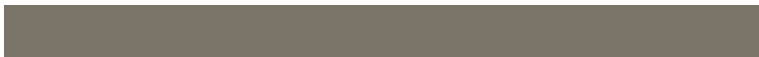
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.0811, 15.9567, 15.5972



27.6568, 26.9649, 25.4812



17.0796, 17.9536, 15.9300



4.0474, 4.1132, 4.2051



8.7154, 4.8868, 0.4839



41.1399, 22.4433, 2.1637

Inverse Universe

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



16.1172, 17.8658, 21.3379



27.7356, 31.1637, 38.1100



15.0855, 15.8024, 20.9940



4.0529, 4.4041, 5.0796



8.6596, 11.4017, 21.1296



40.7727, 53.3181, 100.6123

Previews

White Background



This preview shows how the XYZ color 16.0807, 15.9560, 15.5969 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 16.0807, 15.9560, 15.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

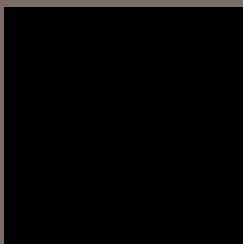
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0807, 15.9560, 15.5969

Background



This preview shows how black text looks on a background with the XYZ color 16.0807, 15.9560, 15.5969.

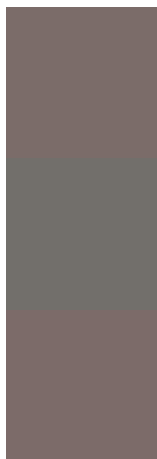


This preview shows how white text looks on a background with the XYZ color 16.0807, 15.9560,

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

16.0807, 15.9560, 15.5969

Protanopia

15.2777, 16.0078, 16.1945

Deuteranopia

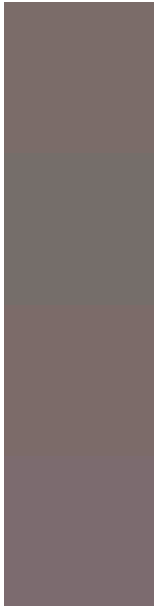
16.1197, 15.8204, 15.5686



Tritanopia

16.6644, 16.0383, 18.4370

Trichromacy



Original Color

16.0807, 15.9560, 15.5969

Protanomaly

15.5136, 15.9744, 15.9014

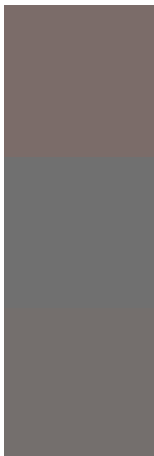
Deuteranomaly

16.1197, 15.8204, 15.5686

Tritanomaly

16.4391, 15.9482, 17.2508

Monochromacy



Original Color

16.0807, 15.9560, 15.5969

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 16.0807, 15.9560, 15.5969 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(123, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 105)  
}
```

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(123, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.0807, 15.9560, 15.5969 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(123, 108, 105) }
```


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

```
.border{ border-color:rgb(123, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0807, 15.9560, 15.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 108, 105) }
```

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

```
.background{ background-color: rgb(123,  
108, 105) }
```

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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