

Converting Colors

XYZ(15.9164, 16.1511, 17.3175)

Have a look what the booklet for
XYZ(15.9164, 16.1511, 17.3175)
contains.

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Color

**XYZ(15.9164, 16.1511,
17.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	766E6F
RGB	118, 110, 111
RGB Percent	46%, 43%, 44%
CMY	0.5373, 0.5686, 0.5647
CMYK	0.00, 0.07, 0.06, 0.54
HSL	353°, 4%, 45%
HSV	353°, 7%, 46%
XYZ	15.9164, 16.1511, 17.3175
YIQ	112.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

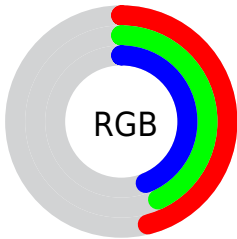
Format	Color
R_{YB}	118, 110, 111
Decimal	7761519
CIE _{Lab}	47.17, 3.30, 0.56
CIE _{LCh}	47, 3.349, 9.571
Yxy	16.1511, 0.3223, 0.3270
Android (android.graphics.Color)	4285951599 (0xFF766E6F)
YUV	112.5060, -0.7425, 4.8182
Hunter-Lab	40.1884, 0.3642, 2.5834

Details

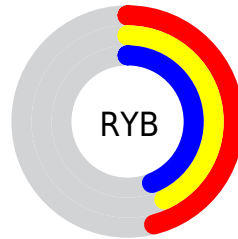
The XYZ color **15.9164, 16.1511, 17.3175** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1204, 17.5567, 19.3697**, and the grayscale version is **15.5515, 16.3614, 17.8175**.

A 20% lighter version of the original color is **36.1088, 37.0311, 39.8949**, and **5.1456, 5.1062, 5.4170** is the 20% darker color. If you saturate the color by 10%, you get **14.1910, 13.5582, 14.0971**, and if you desaturate by 10%, it is **17.8781, 19.1109, 20.9415**.

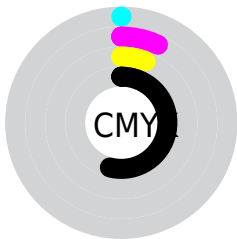
Distribution



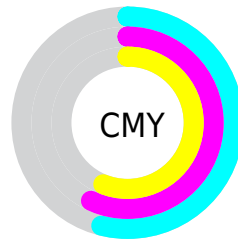
- Red (46%)
- Green (43%)
- Blue (44%)



- Red (46%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9164, 16.1511, 17.3175 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 15.9164, 16.1511, 17.3175 by changing the saturation by 10% instead.

■ 15.9164, 16.1511,
17.3175

■ 15.9164, 16.1511,
17.3175

222.1280,
230.2317, 249.1010

■ 9.5555, 9.6311,
10.2968

■ 36.0116, 36.8603,
39.6690

■ 5.1652, 5.1551,
5.4880

■ 50.4767, 51.8184,
55.8368

■ 2.3803, 2.3385,
2.4726

■ 68.3738, 70.3579,
75.8907

■ 0.8353, 0.7940,
0.8256

■ 90.0683, 92.8633,
100.2493

■ 0.0000, 0.0000,
0.0000

115.9257,
119.7190, 129.3311

146.3112,

151.3094, 163.5546

181.5901,
188.0188, 203.3384

■ 15.9164, 16.1511,
17.3175

■ 15.9164, 16.1511,
17.3175

■ 14.1910, 13.5582,
14.0971

■ 17.8781, 19.1109,
20.9415

■ 12.6916, 11.3158,
11.2653

■ 20.0830, 22.4488,
24.9813

■ 11.4091, 9.4095,
8.8077

■ 22.5397, 26.1784,
29.4499

■ 10.3336, 7.8231,
6.7085

■ 25.2558, 30.3116,
34.3595

■ 9.4541, 6.5390,
4.9509

■ 28.2385, 34.8602,
39.7217

■ 8.7586, 5.5380,
3.5168

■ 31.4949, 39.8353,
45.5477

■ 8.2339, 4.7986,
2.3863

■ 35.0318, 45.2477,
51.8484

■ 7.8649, 4.2962,
1.5372

■ 38.8556, 51.1076,
58.6342

■ 7.6222, 3.9780,
0.9405

■ 42.9726, 57.4250,
65.9152

Harmonies

Analogous

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



15.8880, 16.1511, 18.1581



15.9164, 16.1511, 17.3175



15.7918, 16.1511, 16.5727

Triad

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



15.9164, 16.1511, 17.3175



14.9932, 16.1511, 16.3649



15.1543, 16.1511, 19.1500

Complementary

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



15.9164, 16.1511, 17.3175



16.1204, 17.5567, 19.3697

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.



14.9187, 16.1511, 18.6394



15.9164, 16.1511, 17.3175



14.8265, 16.1511, 17.0257

Square

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



15.9164, 16.1511, 17.3175



15.2572, 16.1511, 16.0344



14.7994, 16.1511, 17.8569



15.4455, 16.1511, 19.2342

Rectangle

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



15.9164, 16.1511, 17.3175



15.6398, 16.1511, 16.2240



14.7994, 16.1511, 17.8569



15.0661, 16.1511, 19.0218

Sweetspot

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



15.9169, 16.1518, 17.3178



29.5646, 30.7782, 33.3728



16.1736, 16.2379, 19.4216



6.8099, 7.0954, 7.6961



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.9169, 16.1518, 17.3178



27.5305, 27.7130, 29.6025



16.1839, 16.7733, 17.1373



3.7008, 3.7076, 3.9514



8.1710, 4.2021, 0.8426



39.6382, 20.4054, 3.1582

Inverse Universe

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



15.9169, 16.1518, 17.3178



27.5305, 27.7130, 29.6025



15.8394, 16.9002, 19.5671



3.7008, 3.7076, 3.9514



8.1710, 4.2021, 0.8426



39.6382, 20.4054, 3.1582

Previews

White Background



This preview shows how the XYZ color 15.9164, 16.1511, 17.3175 looks on a white background.

Color Contrast Check

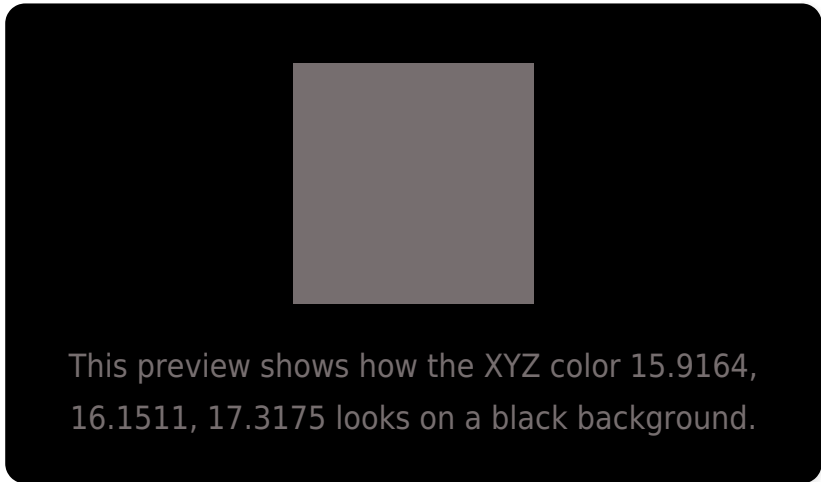
Large Text (above 18pt) WCAG AA ✓ Pass

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

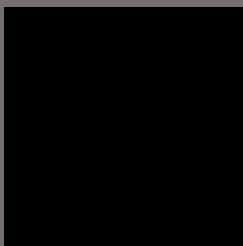
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9164, 16.1511, 17.3175

Background



This preview shows how black text looks on a background with the XYZ color 15.9164, 16.1511, 17.3175.



This preview shows how white text looks on a background with the XYZ color 15.9164, 16.1511,

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

15.9164, 16.1511, 17.3175

Protanopia

15.5485, 16.1161, 17.6205

Deuteranopia

16.4002, 16.0838, 17.2790



Tritanopia

16.3464, 16.1672, 19.3986

Trichromacy



Original Color

15.9164, 16.1511, 17.3175

Protanomaly

15.6793, 16.1836, 17.6266

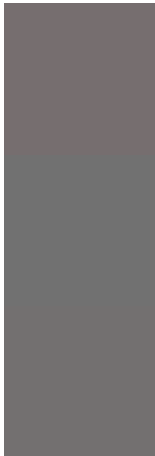
Deuteranomaly

16.2230, 16.1499, 17.3011

Tritanomaly

16.1709, 16.0970, 18.4744

Monochromacy



Original Color

15.9164, 16.1511, 17.3175

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7890, 16.4030, 17.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9164, 16.1511, 17.3175 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(118, 110, 111)` looks like.

```
.text, #text, p{  
    color:rgb(118, 110, 111)  
}
```

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(118, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 110, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.9164, 16.1511, 17.3175 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(118, 110, 111) }
```


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

```
.border{ border-color:rgb(118, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(118, 110,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9164, 16.1511, 17.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 110, 111) }
```

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

```
.background{ background-color: rgb(118,  
110, 111) }
```

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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