

Converting Colors

XYZ(16.0045, 15.8570, 17.0734)

Have a look what the booklet for
XYZ(16.0045, 15.8570, 17.0734)
contains.

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Color

**XYZ(16.0622, 15.9159,
16.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	796C6E
RGB	121, 108, 110
RGB Percent	47%, 42%, 43%
CMY	0.5255, 0.5765, 0.5686
CMYK	0.00, 0.11, 0.09, 0.53
HSL	351°, 6%, 45%
HSV	351°, 11%, 47%
XYZ	16.0622, 15.9159, 16.9774
YIQ	112.1150, 7.1060, 3.3780

Conversions

Conversions Part 2

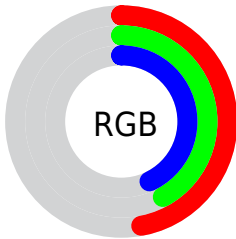
Format	Color
R _Y B	121, 108, 110
Decimal	7957614
CIE Lab	46.86, 5.47, 0.74
CIE LCh	47, 5.519, 7.701
Yxy	15.9159, 0.3281, 0.3251
Android (android.graphics.Color)	4286147694 (0xFF796C6E)
YUV	112.1150, -1.0427, 7.7921
Hunter-Lab	39.8947, 2.0509, 2.6952

Details

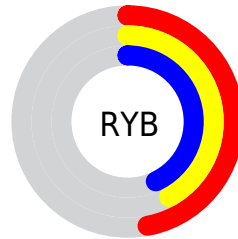
The XYZ color **16.0622, 15.9159, 16.9774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3521, 18.1952, 20.1038**, and the grayscale version is **15.4367, 16.2407, 17.6861**.

A 20% lighter version of the original color is **36.1533, 36.2891, 39.2814**, and **5.2384, 5.0741, 5.4059** is the 20% darker color. If you saturate the color by 10%, you get **14.3479, 13.3285, 13.8124**, and if you desaturate by 10%, it is **18.0189, 18.8847, 20.5416**.

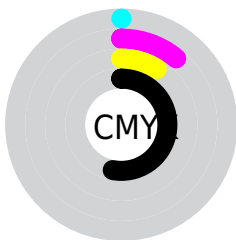
Distribution



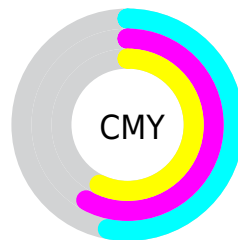
- Red (47%)
- Green (42%)
- Blue (43%)



- Red (47%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0622, 15.9159, 16.9774 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 16.0622, 15.9159, 16.9774 by changing the saturation by 10% instead.

■ 16.0622, 15.9159,
16.9774

■ 16.0622, 15.9159,
16.9774

222.9716,
228.8450, 247.0816

■ 9.6593, 9.4647,
10.0566

■ 36.2627, 36.4521,
39.0770

■ 5.2342, 5.0455,
5.3304

■ 50.7911, 51.3059,
55.0929

■ 2.4215, 2.2740,
2.3803

■ 68.7586, 69.7294,
74.9776

■ 0.8558, 0.7599,
0.7757

■ 90.5307, 92.1068,
99.1496

■ 0.0000, 0.0000,
0.0000

116.4727,
118.8227, 128.0275

146.9499,

150.2615, 162.0298

182.3278,
186.8074, 201.5750

■ 16.0622, 15.9159,
16.9774

■ 16.0622, 15.9159,
16.9774

■ 14.3479, 13.3285,
13.8124

■ 18.0189, 18.8847,
20.5416

■ 12.8654, 11.1052,
11.0316

■ 20.2258, 22.2474,
24.5171

■ 11.6049, 9.2300,
8.6206

■ 22.6915, 26.0183,
28.9169

■ 10.5558, 7.6854,
6.5638

■ 25.4243, 30.2107,
33.7532

■ 9.7062, 6.4522,
4.8443

■ 28.4319, 34.8369,
39.0374

■ 9.0433, 5.5089,
3.4439

■ 31.7215, 39.9089,
44.7808

■ 8.5527, 4.8319,
2.3427

■ 35.3004, 45.4383,
50.9942

■ 8.2178, 4.3932,
1.5184

■ 39.1755, 51.4361,
57.6878

■ 7.9994, 4.1106,
0.9701

■ 43.3532, 57.9130,
64.8718

Harmonies

Analogous

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



15.9990, 15.9159, 18.3537



16.0622, 15.9159, 16.9774



15.8708, 15.9159, 15.7607

Triad

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



16.0622, 15.9159, 16.9774



14.5693, 15.9159, 15.3184



14.7796, 15.9159, 19.8962

Complementary

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



16.0622, 15.9159, 16.9774



16.3521, 18.1952, 20.1038

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.



14.4080, 15.9159, 18.9995



16.0622, 15.9159, 16.9774



14.2884, 15.9159, 16.3445

Square

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



16.0622, 15.9159, 16.9774



15.0041, 15.9159, 14.8365



14.2299, 15.9159, 17.6869



15.2518, 15.9159, 20.0877

Rectangle

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



16.0622, 15.9159, 16.9774



15.6269, 15.9159, 15.1870



14.2299, 15.9159, 17.6869



14.6390, 15.9159, 19.6650

Sweetspot

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



16.0626, 15.9166, 16.9777



31.4099, 32.5147, 35.2299



16.3991, 16.0165, 20.3165



7.1229, 7.3449, 7.9481



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.



16.0626, 15.9166, 16.9777



27.9297, 27.2408, 28.8707



16.4234, 16.8103, 16.5674



4.0211, 4.0242, 4.3088



8.5695, 4.4039, 1.0237



40.6710, 20.9247, 3.7976

Inverse Universe

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



16.0626, 15.9166, 16.9777



27.9297, 27.2408, 28.8707



15.9586, 17.2142, 20.5709



4.0211, 4.0242, 4.3088



8.5695, 4.4039, 1.0237



40.6710, 20.9247, 3.7976

Previews

White Background



This preview shows how the XYZ color 16.0622, 15.9159, 16.9774 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 16.0622, 15.9159, 16.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

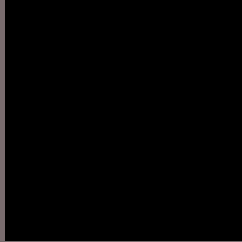
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0622, 15.9159, 16.9774

Background



This preview shows how black text looks on a background with the XYZ color 16.0622, 15.9159, 16.9774.



This preview shows how white text looks on a background with the XYZ color 16.0622, 15.9159,

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

16.0622, 15.9159, 16.9774

Protanopia

15.3637, 16.0273, 17.3227

Deuteranopia

16.2031, 15.9885, 16.9839



Tritanopia

16.4361, 15.9139, 18.7284

Trichromacy



Original Color

16.0622, 15.9159, 16.9774

Protanomaly

15.6476, 16.0126, 17.3049

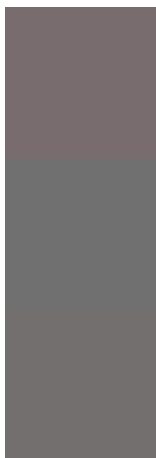
Deuteranomaly

16.2031, 15.9885, 16.9839

Tritanomaly

16.3210, 15.8679, 18.1222

Monochromacy



Original Color

16.0622, 15.9159, 16.9774

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6239, 16.1614, 17.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0622, 15.9159, 16.9774 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(121, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 110)  
}
```

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(121, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.0622, 15.9159, 16.9774 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(121, 108, 110) }
```


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

```
.border{ border-color:rgb(121, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0622, 15.9159, 16.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 110) }
```

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

```
.background{ background-color: rgb(121,  
108, 110) }
```

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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