

Converting Colors

XYZ(15.5919, 14.7661, 16.7802)

Have a look what the booklet for
XYZ(15.5919, 14.7661, 16.7802)
contains.

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Color

**XYZ(15.5919, 14.7661,
16.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	7A666E
RGB	122, 102, 110
RGB Percent	48%, 40%, 43%
CMY	0.5216, 0.6000, 0.5686
CMYK	0.00, 0.16, 0.10, 0.52
HSL	336°, 9%, 44%
HSV	336°, 16%, 48%
XYZ	15.5919, 14.7661, 16.7802
YIQ	108.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

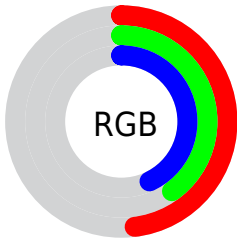
Format	Color
R_{YB}	122, 102, 110
Decimal	8021614
CIE Lab	45.31, 9.43, -1.52
CIE LCh	45, 9.554, 350.861
Yxy	14.7661, 0.3308, 0.3133
Android (android.graphics.Color)	4286211694 (0xFF7A666E)
YUV	108.8920, 0.5462, 11.4957
Hunter-Lab	38.4267, 5.1809, 1.0079

Details

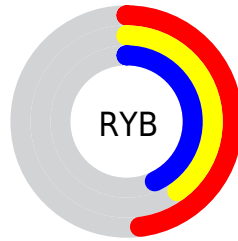
The XYZ color **15.5919, 14.7661, 16.7802** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4769, 17.9592, 18.5712**, and the grayscale version is **14.5022, 15.2574, 16.6154**.

A 20% lighter version of the original color is **35.5920, 34.5051, 38.9667**, and **5.0110, 4.5077, 5.3086** is the 20% darker color. If you saturate the color by 10%, you get **14.0978, 12.3896, 14.3963**, and if you desaturate by 10%, it is **17.2962, 17.5100, 19.3971**.

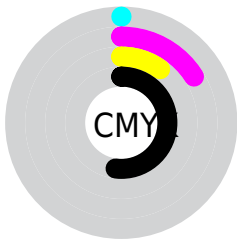
Distribution



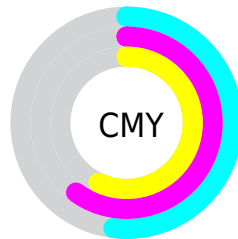
- Red (48%)
- Green (40%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5919, 14.7661, 16.7802 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 15.5919, 14.7661, 16.7802 by changing the saturation by 10% instead.

■ 15.5919, 14.7661,
16.7802

■ 15.5919, 14.7661,
16.7802

220.2395,
221.9461, 245.9035

■ 9.3248, 8.6554,
9.9176

■ 35.4515, 34.4423,
38.7329

■ 5.0125, 4.5171,
5.2395

■ 49.7747, 48.7766,
54.6602

■ 2.2894, 1.9668,
2.3273

■ 67.5140, 66.6209,
74.4460

■ 0.7892, 0.5881,
0.7464

■ 89.0347, 88.3596,
98.5090

■ 0.0000, 0.0000,
0.0000

114.7023,
114.3771, 127.2677

144.8821,

145.0577, 161.1407

179.9393,
180.7859, 200.5464

■ 15.5919, 14.7661,
16.7802

■ 15.5919, 14.7661,
16.7802

■ 14.0978, 12.3896,
14.3963

■ 17.2962, 17.5100,
19.3971

■ 12.8043, 10.3629,
12.2376

■ 19.2175, 20.6342,
22.2524

■ 11.7027, 8.6698,
10.2974

■ 21.3638, 24.1531,
25.3527

■ 10.7831, 7.2922,
8.5683

■ 23.7421, 28.0800,
28.7038

■ 10.0350, 6.2100,
7.0422

■ 26.3595, 32.4274,
32.3114

■ 9.4463, 5.4009,
5.7105

■ 29.2223, 37.2074,
36.1811

■ 9.0036, 4.8395,
4.5639

■ 32.3370, 42.4317,
40.3183

■ 8.6811, 4.4761,
3.5887

■ 35.7096, 48.1112,
44.7280

■ 8.5761, 4.3576,
3.2719

■ 39.3460, 54.2567,
49.4154

Harmonies

Analogous

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



15.2488, 14.7661, 18.9895



15.5919, 14.7661, 16.7802



15.5058, 14.7661, 14.5748

Triad

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



15.5919, 14.7661, 16.7802



13.4996, 14.7661, 12.3384



13.0957, 14.7661, 19.7016

Complementary

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



15.5919, 14.7661, 16.7802



15.4769, 17.9592, 18.5712

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.



12.6598, 14.7661, 17.6807



15.5919, 14.7661, 16.7802



12.8869, 14.7661, 13.4800

Square

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



15.5919, 14.7661, 16.7802



14.2779, 14.7661, 12.1463



12.5849, 14.7661, 15.3952



13.7943, 14.7661, 20.7774

Rectangle

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



15.5919, 14.7661, 16.7802



15.2177, 14.7661, 13.3910



12.5849, 14.7661, 15.3952



12.9147, 14.7661, 19.1018

Sweetspot

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



15.5923, 14.7668, 16.7805



30.8370, 31.4659, 34.7398



15.2042, 14.4860, 20.4073



7.0095, 7.1277, 7.8810



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.



15.5923, 14.7668, 16.7805



26.3120, 24.1918, 27.7570



15.3752, 14.9982, 14.6557



4.0585, 4.0391, 4.5060



9.0253, 4.5863, 3.4239



42.6552, 21.7184, 14.2462

Inverse Universe

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



15.5923, 14.7668, 16.7805



26.3120, 24.1918, 27.7570



15.7093, 17.6633, 20.9940



4.0585, 4.0391, 4.5060



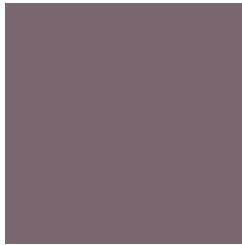
9.0253, 4.5863, 3.4239



42.6552, 21.7184, 14.2462

Previews

White Background



This preview shows how the XYZ color 15.5919, 14.7661, 16.7802 looks on a white background.

Color Contrast Check

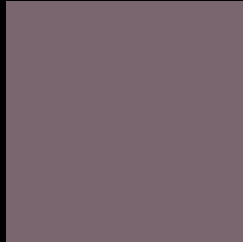
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5919, 14.7661, 16.7802 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

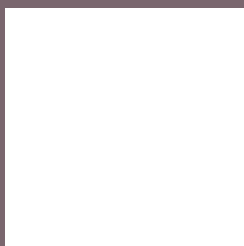
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5919, 14.7661, 16.7802

Background



This preview shows how black text looks on a background with the XYZ color 15.5919, 14.7661, 16.7802.



This preview shows how white text looks on a background with the XYZ color 15.5919, 14.7661,

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

15.5919, 14.7661, 16.7802

Protanopia

14.4227, 14.8958, 17.7378

Deuteranopia

15.1009, 14.8083, 16.8142



Tritanopia

15.5919, 14.7661, 16.7802

Trichromacy



Original Color

15.5919, 14.7661, 16.7802

Protanomaly

14.7863, 14.7837, 17.4035

Deuteranomaly

15.2725, 14.7482, 16.7936

Tritanomaly

15.5919, 14.7661, 16.7802

Monochromacy



Original Color

15.5919, 14.7661, 16.7802

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8538, 14.9896, 16.5784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5919, 14.7661, 16.7802 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, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 102, 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(122, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.5919, 14.7661, 16.7802 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, 102, 110) }
```


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

```
.border{ border-color:rgb(122, 102, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5919, 14.7661, 16.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 102, 110) }
```

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

```
.background{ background-color: rgb(122,  
102, 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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