

Converting Colors

XYZ(15.9099, 15.6365, 17.3192)

Have a look what the booklet for
XYZ(15.9099, 15.6365, 17.3192)
contains.

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Color

**XYZ(15.8727, 15.6562,
17.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	786B6F
RGB	120, 107, 111
RGB Percent	47%, 42%, 44%
CMY	0.5294, 0.5804, 0.5647
CMYK	0.00, 0.11, 0.07, 0.53
HSL	342°, 6%, 45%
HSV	342°, 11%, 47%
XYZ	15.8727, 15.6562, 17.2243
YIQ	111.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

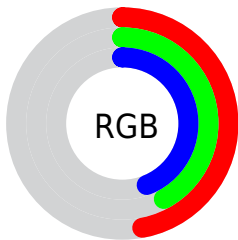
Format	Color
R _Y B	120, 107, 111
Decimal	7891823
CIE Lab	46.52, 5.86, -0.37
CIE LCh	47, 5.871, 356.362
Yxy	15.6562, 0.3256, 0.3211
Android (android.graphics.Color)	4286081903 (0xFF786B6F)
YUV	111.3430, -0.1691, 7.5922
Hunter-Lab	39.5679, 2.3616, 1.8880

Details

The XYZ color **15.8727, 15.6562, 17.2243** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9329, 17.8201, 19.1238**, and the grayscale version is **15.2087, 16.0007, 17.4248**.

A 20% lighter version of the original color is **35.8510, 35.8687, 39.6841**, and **5.1116, 4.9302, 5.3848** is the 20% darker color. If you saturate the color by 10%, you get **14.2710, 13.1512, 14.5372**, and if you desaturate by 10%, it is **17.6915, 18.5269, 20.1942**.

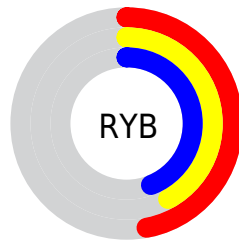
Distribution



Red (47%)

Green (42%)

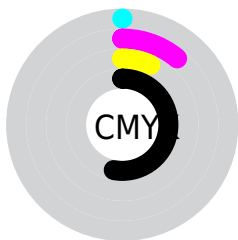
Blue (44%)



Red (47%)

Yellow (42%)

Blue (44%)

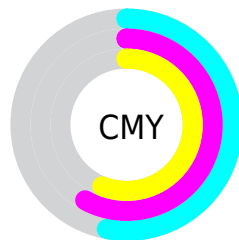


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8727, 15.6562, 17.2243 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 15.8727, 15.6562, 17.2243 by changing the saturation by 10% instead.

■ 15.8727, 15.6562,
17.2243

■ 15.8727, 15.6562,
17.2243

221.8746,
227.3044, 248.5492

■ 9.5244, 9.2812,
10.2309

■ 35.9363, 36.0003,
39.5069

■ 5.1446, 4.9251,
5.4447

■ 50.3823, 50.7382,
55.6333

■ 2.3680, 2.2034,
2.4472

■ 68.2582, 69.0325,
75.6410

■ 0.8291, 0.7218,
0.8120

■ 89.9295, 91.2677,
99.9486

■ 0.0000, 0.0000,
0.0000

115.7614,
117.8281, 128.9747

146.1193,

149.0980, 163.1378

181.3686,
185.4620, 202.8565

■ 15.8727, 15.6562,
17.2243

■ 15.8727, 15.6562,
17.2243

■ 14.2710, 13.1512,
14.5372

■ 17.6915, 18.5269,
20.1942

■ 12.8769, 10.9951,
12.1234

■ 19.7338, 21.7751,
23.4539

■ 11.6819, 9.1730,
9.9744

■ 22.0077, 25.4146,
27.0115

■ 10.6766, 7.6680,
8.0808

■ 24.5200, 29.4579,
30.8745

■ 9.8508, 6.4617,
6.4325

■ 27.2776, 33.9168,
35.0501

■ 9.1932, 5.5338,
5.0190

■ 30.2870, 38.8029,
39.5452

■ 8.6911, 4.8616,
3.8287

■ 33.5544, 44.1271,
44.3665

■ 8.3301, 4.4184,
2.8489

■ 37.0859, 49.9001,
49.5205

■ 8.0783, 4.1261,
2.1134

■ 40.8872, 56.1319,
55.0136

Harmonies

Analogous

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



15.7053, 15.6562, 18.6370



15.8727, 15.6562, 17.2243



15.7694, 15.6562, 15.8397

Triad

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



15.8727, 15.6562, 17.2243



14.4530, 15.6562, 14.6709



14.3484, 15.6562, 19.4729

Complementary

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



15.8727, 15.6562, 17.2243



15.9329, 17.8201, 19.1238

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.



14.0261, 15.6562, 18.3140



15.8727, 15.6562, 17.2243



14.0856, 15.6562, 15.5500

Square

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



15.8727, 15.6562, 17.2243



14.9425, 15.6562, 14.4153



13.9310, 15.6562, 16.8708



14.8191, 15.6562, 19.9808

Rectangle

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



15.8727, 15.6562, 17.2243



15.5621, 15.6562, 15.1094



13.9310, 15.6562, 16.8708



14.2196, 15.6562, 19.1434

Sweetspot

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



15.8731, 15.6569, 17.2246



30.3649, 31.3963, 34.3025



15.8354, 15.5773, 19.9416



7.1400, 7.3517, 8.0381



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.



15.8731, 15.6569, 17.2246



27.1819, 26.3823, 29.0733



15.9098, 16.0746, 16.1750



4.0444, 4.0335, 4.4313



8.8070, 4.4989, 2.2746



41.6705, 21.3246, 9.0611

Inverse Universe

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



15.8731, 15.6569, 17.2246



27.1819, 26.3823, 29.0733



15.8875, 17.3491, 20.2809



4.0444, 4.0335, 4.4313



8.8070, 4.4989, 2.2746



41.6705, 21.3246, 9.0611

Previews

White Background



This preview shows how the XYZ color 15.8727, 15.6562, 17.2243 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 15.8727, 15.6562, 17.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

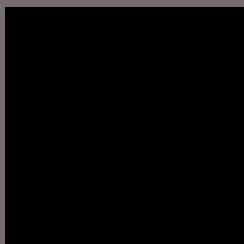
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8727, 15.6562, 17.2243

Background



This preview shows how black text looks on a background with the XYZ color 15.8727, 15.6562, 17.2243.



This preview shows how white text looks on a background with the XYZ color 15.8727, 15.6562,

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

15.8727, 15.6562, 17.2243

Protanopia

15.2387, 15.7889, 17.8672

Deuteranopia

16.0121, 15.7280, 17.2308



Tritanopia

16.1337, 15.6108, 18.3825

Trichromacy



Original Color

15.8727, 15.6562, 17.2243

Protanomaly

15.4635, 15.7520, 17.5547

Deuteranomaly

16.0121, 15.7280, 17.2308

Tritanomaly

16.0765, 15.5879, 18.0810

Monochromacy



Original Color

15.8727, 15.6562, 17.2243

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.3846, 15.8770, 17.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8727, 15.6562, 17.2243 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(120, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 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(120, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.8727, 15.6562, 17.2243 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(120, 107, 111) }
```


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

```
.border{ border-color:rgb(120, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8727, 15.6562, 17.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 111) }
```

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

```
.background{ background-color: rgb(120,  
107, 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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