

Converting Colors

XYZ(15.7618, 17.9881, 17.4796)

Have a look what the booklet for
XYZ(15.7618, 17.9881, 17.4796)
contains.

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Color

**XYZ(15.7152, 17.9263,
17.3837)**

Conversions

Conversions Part 1

Format	Color
Hex	6B796E
RGB	107, 121, 110
RGB Percent	42%, 47%, 43%
CMY	0.5804, 0.5255, 0.5686
CMYK	0.12, 0.00, 0.09, 0.53
HSL	133°, 6%, 45%
HSV	133°, 12%, 47%
XYZ	15.7152, 17.9263, 17.3837
YIQ	115.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

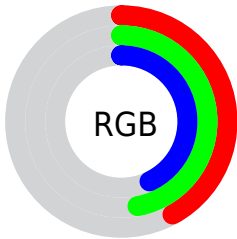
Format	Color
R_{YB}	107, 119, 121
Decimal	7043438
CIE Lab	49.41, -7.50, 4.27
CIE LCh	49, 8.627, 150.323
Yxy	17.9263, 0.3080, 0.3513
Android (android.graphics.Color)	4285233518 (0xFF6B796E)
YUV	115.5600, -2.7411, -7.5071
Hunter-Lab	42.3395, -7.8400, 5.2944

Details

The XYZ color **15.7152, 17.9263, 17.3837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4134, 15.8887, 19.3420**, and the grayscale version is **16.4755, 17.3335, 18.8761**.

A 20% lighter version of the original color is **35.5657, 39.7649, 39.9833**, and **5.0503, 5.9432, 5.4384** is the 20% darker color. If you saturate the color by 10%, you get **13.8709, 17.0327, 14.7388**, and if you desaturate by 10%, it is **17.8197, 18.9487, 20.3315**.

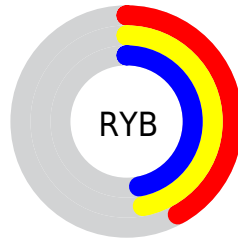
Distribution



Red (42%)

Green (47%)

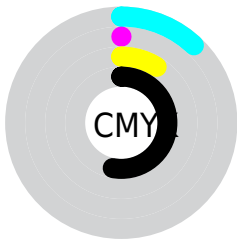
Blue (43%)



Red (42%)

Yellow (47%)

Blue (47%)

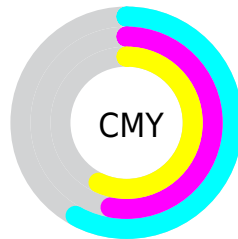


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7152, 17.9263, 17.3837 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 15.7152, 17.9263, 17.3837 by changing the saturation by 10% instead.

■ 15.7152, 17.9263,
17.3837

■ 15.7152, 17.9263,
17.3837

220.9588,
240.4553, 249.4923

■ 9.4124, 10.8971,
10.3436

■ 35.6645, 39.9117,
39.7840

■ 5.0704, 5.9977,
5.5188

■ 50.0418, 55.6367,
55.9812

■ 2.3238, 2.8437,
2.4907

■ 67.8412, 75.0290,
76.0679

■ 0.8068, 1.0507,
0.8352

■ 89.4282, 98.4732,
100.4626

■ 0.0000, 0.0000,
0.0000

115.1681,
126.3535, 129.5839

145.4263,

159.0543, 163.8502

180.5681,
196.9601, 203.6802

■ 15.7152, 17.9263,
17.3837

■ 15.7152, 17.9263,
17.3837

■ 13.8709, 17.0327,
14.7388

■ 17.8197, 18.9487,
20.3315

■ 12.2751, 16.2604,
12.3860

■ 20.1924, 20.1022,
23.5902

■ 10.9175, 15.6050,
10.3157

■ 22.8430, 21.3922,
27.1689

■ 9.7865, 15.0605,
8.5172

■ 25.7802, 22.8229,
31.0760

■ 8.8693, 14.6208,
6.9792

■ 29.0121, 24.3984,
35.3197

■ 8.1522, 14.2790,
5.6894

■ 32.5468, 26.1227,
39.9078

■ 7.6195, 14.0271,
4.6349

■ 36.3919, 27.9996,
44.8478

■ 7.2533, 13.8564,
3.8013

■ 40.5548, 30.0326,
50.1470

■ 7.0234, 13.7497,
3.2569

■ 45.0425, 32.2254,
55.8126

Harmonies

Analogous

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



16.2608, 17.9263, 15.9016



15.7152, 17.9263, 17.3837



15.5216, 17.9263, 19.5440

Triad

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



15.7152, 17.9263, 17.3837



17.0472, 17.9263, 24.3498



18.4246, 17.9263, 17.3432

Complementary

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



15.7152, 17.9263, 17.3837



16.4134, 15.8887, 19.3420

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.



18.6509, 17.9263, 19.4934



15.7152, 17.9263, 17.3837



17.8404, 17.9263, 23.6465

Square

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



15.7152, 17.9263, 17.3837



16.2756, 17.9263, 23.6753



18.4339, 17.9263, 21.8217



17.8246, 17.9263, 15.8795

Rectangle

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



15.7152, 17.9263, 17.3837



15.6133, 17.9263, 21.1163



18.4339, 17.9263, 21.8217



18.5477, 17.9263, 18.0038

Sweetspot

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



15.7157, 17.9271, 17.3841



31.3122, 33.6405, 35.5781



16.9903, 18.6027, 16.6052



7.0955, 7.6608, 8.0457



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.



15.7157, 17.9271, 17.3841



27.1778, 31.6337, 29.7594



16.1004, 18.0810, 19.4101



3.9828, 4.4627, 4.4432



7.5225, 14.7327, 3.4705



35.6200, 70.1710, 15.1690

Inverse Universe

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



16.4134, 15.8887, 19.3420



28.6989, 27.1897, 34.0273



16.0236, 15.7328, 17.2893



4.1195, 4.0635, 4.8268



10.6630, 5.2414, 12.0483



50.5419, 24.8731, 55.7769

Previews

White Background



This preview shows how the XYZ color 15.7152, 17.9263, 17.3837 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 15.7152, 17.9263, 17.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

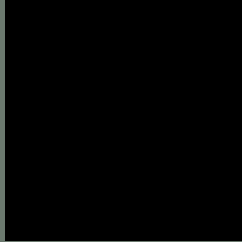
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

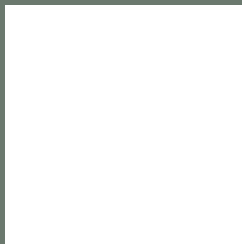
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7152, 17.9263, 17.3837

Background



This preview shows how black text looks on a background with the XYZ color 15.7152, 17.9263, 17.3837.

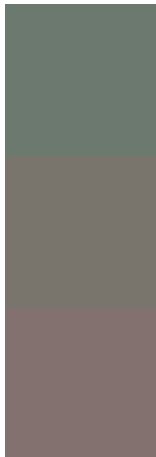


This preview shows how white text looks on a background with the XYZ color 15.7152, 17.9263,

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

15.7152, 17.9263, 17.3837

Protanopia

17.0941, 17.9429, 16.7497

Deuteranopia

18.1898, 17.8054, 17.8073



Tritanopia

16.8051, 17.8304, 22.9780

Trichromacy



Original Color

15.7152, 17.9263, 17.3837

Protanomaly

16.5749, 17.8429, 17.0384

Deuteranomaly

17.1407, 17.7761, 17.5666

Tritanomaly

16.3547, 17.8253, 20.6678

Monochromacy



Original Color

15.7152, 17.9263, 17.3837

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3257, 17.6825, 18.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7152, 17.9263, 17.3837 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(107, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 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(107, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.7152, 17.9263, 17.3837 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(107, 121, 110) }
```


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

```
.border{ border-color:rgb(107, 121, 110) }
```

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

Here you see how a box with a 4 pixel rgb(107, 121, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7152, 17.9263, 17.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 110) }
```

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

```
.background{ background-color: rgb(107,  
121, 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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