

Converting Colors

XYZ(15.7062, 17.5471, 17.5509)

Have a look what the booklet for
XYZ(15.7062, 17.5471, 17.5509)
contains.

XYZ(15.7727, 17.5926, 17.6033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.7727, 17.5926,
17.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	6D776F
RGB	109, 119, 111
RGB Percent	43%, 47%, 44%
CMY	0.5725, 0.5333, 0.5647
CMYK	0.08, 0.00, 0.07, 0.53
HSL	132°, 4%, 45%
HSV	132°, 8%, 47%
XYZ	15.7727, 17.5926, 17.6033
YIQ	115.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

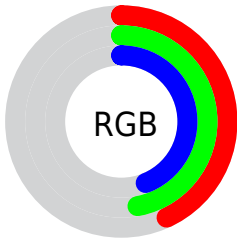
Format	Color
R_{YB}	109, 117, 119
Decimal	7173999
CIE _{Lab}	49.00, -5.40, 3.11
CIE _{LCh}	49, 6.234, 150.048
Yxy	17.5926, 0.3095, 0.3452
Android (android.graphics.Color)	4285364079 (0xFF6D776F)
YUV	115.0980, -2.0203, -5.3479
Hunter-Lab	41.9435, -6.2770, 4.4770

Details

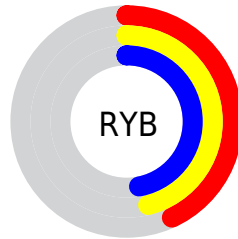
The XYZ color **15.7727, 17.5926, 17.6033** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2879, 16.1439, 19.0880**, and the grayscale version is **16.3325, 17.1831, 18.7123**.

A 20% lighter version of the original color is **35.6710, 39.2437, 40.3451**, and **5.1370, 5.8895, 5.5687** is the 20% darker color. If you saturate the color by 10%, you get **13.9102, 16.6903, 14.9242**, and if you desaturate by 10%, it is **17.8903, 18.6209, 20.5868**.

Distribution



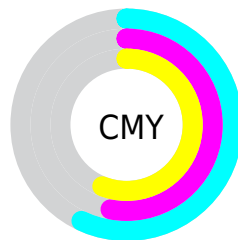
- Red (43%)
- Green (47%)
- Blue (44%)



- Red (43%)
- Yellow (46%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7727, 17.5926, 17.6033 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 15.7727, 17.5926, 17.6033 by changing the saturation by 10% instead.

■ 15.7727, 17.5926,
17.6033

■ 15.7727, 17.5926,
17.6033

221.2936,
238.5646, 250.7860

■ 9.4533, 10.6579,
10.4991

■ 35.7638, 39.3419,
40.1650

■ 5.0975, 5.8373,
5.6212

■ 50.1662, 54.9253,
56.4595

■ 2.3399, 2.7464,
2.5511

■ 67.9936, 74.1603,
76.6545

■ 0.8150, 1.0008,
0.8671

■ 89.6114, 97.4314,
101.1685

■ 0.0000, 0.0000,
0.0000

115.3849,
125.1230, 130.4202

145.6796,

157.6195, 164.8279

180.8607,
195.3052, 204.8104

■ 15.7727, 17.5926,
17.6033

■ 15.7727, 17.5926,
17.6033

■ 13.9102, 16.6903,
14.9242

■ 17.8903, 18.6209,
20.5868

■ 12.2917, 15.9071,
12.5387

■ 20.2707, 19.7776,
23.8827

■ 10.9074, 15.2385,
10.4372

■ 22.9230, 21.0676,
27.5000

■ 9.7463, 14.6792,
8.6091

■ 25.8555, 22.4950,
31.4472

■ 8.7964, 14.2232,
7.0432

■ 29.0762, 24.0638,
35.7323

■ 8.0448, 13.8641,
5.7273

■ 32.5926, 25.7777,
40.3631

■ 7.4769, 13.5946,
4.6484

■ 36.4121, 27.6404,
45.3473

■ 7.0762, 13.4066,
3.7924

■ 40.5417, 29.6553,
50.6921

■ 6.7999, 13.2782,
3.1424

■ 44.9882, 31.8257,
56.4046

Harmonies

Analogous

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



16.1686, 17.5926, 16.5195



15.7727, 17.5926, 17.6033



15.6298, 17.5926, 19.1580

Triad

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



15.7727, 17.5926, 17.6033



16.7222, 17.5926, 22.5330



17.7061, 17.5926, 17.5990

Complementary

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



15.7727, 17.5926, 17.6033



16.2879, 16.1439, 19.0880

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.



17.8624, 17.5926, 19.1527



15.7727, 17.5926, 17.6033



17.2864, 17.5926, 22.0577

Square

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



15.7727, 17.5926, 17.6033



16.1701, 17.5926, 22.0606



17.7071, 17.5926, 20.7960



17.2847, 17.5926, 16.5171

Rectangle

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



15.7727, 17.5926, 17.6033



15.6945, 17.5926, 20.2721



17.7071, 17.5926, 20.7960



17.7918, 17.5926, 18.0803

Sweetspot

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



15.7732, 17.5934, 17.6037



30.2065, 32.4554, 34.2996



16.6940, 18.0806, 17.0781



7.0939, 7.6602, 8.0374



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.



15.7732, 17.5934, 17.6037



27.5934, 31.1876, 30.5942



16.0564, 17.7066, 19.0952



3.6678, 4.1091, 4.0847



7.1787, 14.0855, 3.2310



34.7299, 68.5392, 14.4145

Inverse Universe

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



16.2879, 16.1439, 19.0880



28.7042, 28.0592, 33.7977



16.0015, 16.0294, 17.5801



3.7968, 3.7460, 4.4565



10.2836, 5.0472, 11.9675



49.8043, 24.4718, 56.6921

Previews

White Background



This preview shows how the XYZ color 15.7727, 17.5926, 17.6033 looks on a white background.

Color Contrast Check

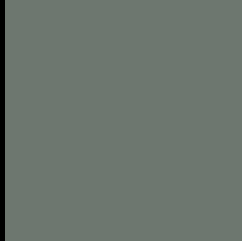
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7727, 17.5926, 17.6033 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

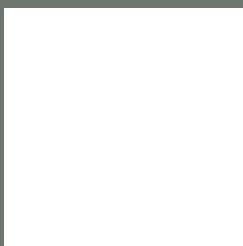
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7727, 17.5926, 17.6033

Background



This preview shows how black text looks on a background with the XYZ color 15.7727, 17.5926, 17.6033.



This preview shows how white text looks on a background with the XYZ color 15.7727, 17.5926,

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

15.7727, 17.5926, 17.6033

Protanopia

16.7514, 17.5880, 16.9799

Deuteranopia

17.7721, 17.4253, 17.7560



Tritanopia

16.6827, 17.6084, 22.2582

Trichromacy



Original Color

15.7727, 17.5926, 17.6033

Protanomaly

16.3782, 17.5614, 17.2783

Deuteranomaly

17.0814, 17.5689, 17.8201

Tritanomaly

16.3600, 17.6523, 20.6341

Monochromacy



Original Color

15.7727, 17.5926, 17.6033

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0927, 17.2164, 18.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7727, 17.5926, 17.6033 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(109, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 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(109, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.7727, 17.5926, 17.6033 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(109, 119, 111) }
```


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

```
.border{ border-color:rgb(109, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7727, 17.5926, 17.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 111) }
```

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

```
.background{ background-color: rgb(109,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor