

Converting Colors

XYZ(15.5125, 17.4011, 18.3762)

Have a look what the booklet for
XYZ(15.5125, 17.4011, 18.3762)
contains.

XYZ(15.5779, 17.4727, 18.4711)	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(15.5779, 17.4727,
18.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7772
RGB	106, 119, 114
RGB Percent	42%, 47%, 45%
CMY	0.5843, 0.5333, 0.5529
CMYK	0.11, 0.00, 0.04, 0.53
HSL	157°, 6%, 44%
HSV	157°, 11%, 47%
XYZ	15.5779, 17.4727, 18.4711
YIQ	114.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

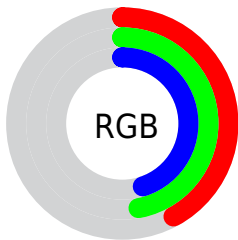
Format	Color
R_{YB}	106, 114, 119
Decimal	6977394
CIE Lab	48.85, -5.90, 1.10
CIE LCh	49, 6.000, 169.480
Yxy	17.4727, 0.3024, 0.3391
Android (android.graphics.Color)	4285167474 (0xFF6A7772)
YUV	114.5430, -0.2677, -7.4922
Hunter-Lab	41.8004, -6.6283, 3.0607

Details

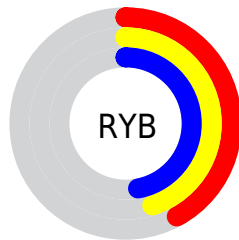
The XYZ color **15.5779, 17.4727, 18.4711** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6316, 15.3781, 17.1840**, and the grayscale version is **16.1600, 17.0016, 18.5147**.

A 20% lighter version of the original color is **35.3505, 39.0471, 41.7501**, and **5.0402, 5.8296, 6.0138** is the 20% darker color. If you saturate the color by 10%, you get **14.0067, 16.6926, 17.0714**, and if you desaturate by 10%, it is **17.3594, 18.3607, 19.9495**.

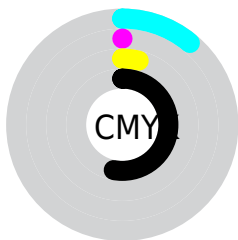
Distribution



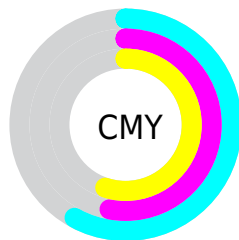
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5779, 17.4727, 18.4711 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 15.5779, 17.4727, 18.4711 by changing the saturation by 10% instead.

■ 15.5779, 17.4727,
18.4711

■ 15.5779, 17.4727,
18.4711

220.1576,
237.8819, 255.8378

■ 9.3149, 10.5721,
11.1158

■ 35.4272, 39.1367,
41.6632

■ 5.0059, 5.7799,
6.0296

■ 49.7443, 54.6690,
58.3370

■ 2.2855, 2.7117,
2.7940

■ 67.4768, 73.8472,
78.9542

■ 0.7872, 0.9831,
0.9904

■ 88.9900, 97.0558,
103.9331

■ 0.0000, 0.0000,
0.0000

114.6494,
124.6791, 133.6924

144.8202,

157.1017, 168.6506

179.8678,
194.7078, 209.2262

■ 15.5779, 17.4727,
18.4711

■ 15.5779, 17.4727,
18.4711

■ 14.0067, 16.6926,
17.0714

■ 17.3594, 18.3607,
19.9495

■ 12.6361, 16.0139,
15.7478

■ 19.3576, 19.3584,
21.5067

■ 11.4578, 15.4329,
14.4994

■ 21.5802, 20.4703,
23.1444

■ 10.4624, 14.9447,
13.3246

■ 24.0342, 21.6998,
24.8640

■ 9.6396, 14.5441,
12.2218

■ 26.7264, 23.0506,
26.6665

■ 8.9780, 14.2252,
11.1896

■ 29.6631, 24.5258,
28.5531

■ 8.4649, 13.9814,
10.2262

■ 32.8505, 26.1286,
30.5252

■ 8.0854, 13.8052,
9.3297

■ 36.2946, 27.8621,
32.5837

■ 7.8072, 13.6783,
8.5708

■ 40.0011, 29.7292,
34.7298

Harmonies

Analogous

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



15.8075, 17.4727, 17.1035



15.5779, 17.4727, 18.4711



15.6194, 17.4727, 20.0645

Triad

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



15.5779, 17.4727, 18.4711



16.9665, 17.4727, 22.0606



17.3118, 17.4727, 16.7903

Complementary

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



15.5779, 17.4727, 18.4711



15.6316, 15.3781, 17.1840

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.



17.6360, 17.4727, 18.0216



15.5779, 17.4727, 18.4711



17.4335, 17.4727, 21.0848

Square

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



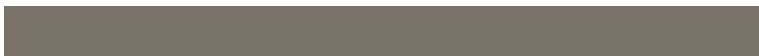
15.5779, 17.4727, 18.4711



16.4128, 17.4727, 22.1976



17.6810, 17.4727, 19.5895



16.8033, 17.4727, 16.1697

Rectangle

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



15.5779, 17.4727, 18.4711



15.7955, 17.4727, 21.0393



17.6810, 17.4727, 19.5895



17.4464, 17.4727, 17.1432

Sweetspot

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



15.5784, 17.4734, 18.4715



30.3663, 32.5193, 35.1413



15.7796, 17.6275, 16.2066



7.1404, 7.6788, 8.2823



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.



15.5784, 17.4734, 18.4715



27.1849, 30.9352, 32.4603



15.7173, 17.2831, 19.9612



3.7264, 4.1325, 4.3933



8.2895, 14.5298, 9.0806



39.9677, 70.6343, 41.9963

Inverse Universe

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



15.6316, 15.3781, 17.1840



27.2993, 26.4293, 29.6919



15.4988, 15.5410, 15.8187



3.7369, 3.7220, 4.1411



8.5976, 4.3728, 3.0894



41.5061, 21.1526, 12.9944

Previews

White Background



This preview shows how the XYZ color 15.5779, 17.4727, 18.4711 looks on a white background.

Color Contrast Check

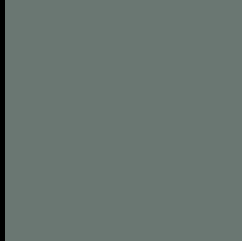
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5779, 17.4727, 18.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

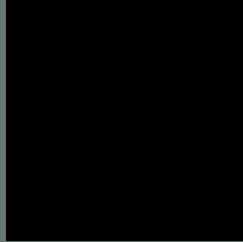
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5779, 17.4727, 18.4711

Background



This preview shows how black text looks on a background with the XYZ color 15.5779, 17.4727, 18.4711.



This preview shows how white text looks on a background with the XYZ color 15.5779, 17.4727,

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

15.5779, 17.4727, 18.4711

Protanopia

16.6631, 17.3533, 17.8005

Deuteranopia

17.6411, 17.3382, 18.6365



Tritanopia

16.3115, 17.4171, 22.2408

Trichromacy



Original Color

15.5779, 17.4727, 18.4711

Protanomaly

16.1655, 17.2604, 18.1024

Deuteranomaly

16.8330, 17.4212, 18.6951

Tritanomaly

16.0547, 17.4878, 20.9417

Monochromacy



Original Color

15.5779, 17.4727, 18.4711

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0220, 17.1733, 18.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5779, 17.4727, 18.4711 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(106, 119, 114) looks like.

```
.text, #text, p{  
    color:rgb(106, 119, 114)  
}
```

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(106, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.5779, 17.4727, 18.4711 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(106, 119, 114) }
```


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

```
.border{ border-color:rgb(106, 119, 114) }
```

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

Here you see how a box with a 4 pixel rgb(106, 119, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(106, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5779, 17.4727, 18.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 119, 114) }
```

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

```
.background{ background-color: rgb(106,  
119, 114) }
```

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