

Converting Colors

XYZ(17.7145, 19.5011, 18.2954)

Have a look what the booklet for
XYZ(17.7145, 19.5011, 18.2954)
contains.

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Color

**XYZ(17.7400, 19.5071,
18.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	777C70
RGB	119, 124, 112
RGB Percent	47%, 49%, 44%
CMY	0.5333, 0.5137, 0.5608
CMYK	0.04, 0.00, 0.10, 0.51
HSL	85°, 5%, 46%
HSV	85°, 10%, 49%
XYZ	17.7400, 19.5071, 18.1595
YIQ	121.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

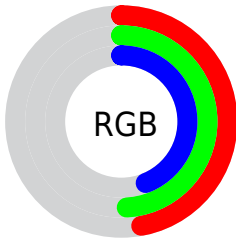
Format	Color
R_{YB}	112, 124, 117
Decimal	7830640
CIE Lab	51.28, -4.24, 5.90
CIE LCh	51, 7.266, 125.671
Yxy	19.5071, 0.3202, 0.3521
Android (android.graphics.Color)	4286020720 (0xFF777C70)
YUV	121.1370, -4.5045, -1.8741
Hunter-Lab	44.1668, -5.5959, 6.5393

Details

The XYZ color **17.7400, 19.5071, 18.1595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7692, 16.8261, 21.4338**, and the grayscale version is **18.2326, 19.1821, 20.8893**.

A 20% lighter version of the original color is **39.0208, 42.3889, 41.2472**, and **6.0400, 6.7419, 5.8335** is the 20% darker color. If you saturate the color by 10%, you get **16.4065, 18.8946, 14.7378**, and if you desaturate by 10%, it is **19.2082, 20.1792, 22.0847**.

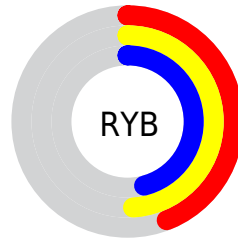
Distribution



Red (47%)

Green (49%)

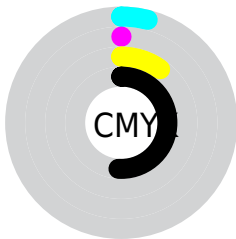
Blue (44%)



Red (44%)

Yellow (49%)

Blue (46%)

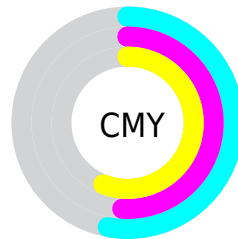


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7400, 19.5071, 18.1595 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 17.7400, 19.5071, 18.1595 by changing the saturation by 10% instead.

■ 17.7400, 19.5071,
18.1595

■ 17.7400, 19.5071,
18.1595

232.4755,
249.2341, 254.0348

■ 10.8620, 12.0373,
10.8939

■ 39.1274, 42.5892,
41.1265

■ 6.0407, 6.7691,
5.8823

■ 54.3675, 58.9703,
57.6651

■ 2.9108, 3.3181,
2.7060

■ 73.1257, 79.0906,
78.1317

■ 1.1068, 1.3000,
0.9464

■ 95.7673, 103.3345,
102.9449

■ 0.0308, 0.1412,
0.0000

122.6578,
132.0865, 132.5233

■ 0.0000, 0.0000,
0.0000

154.1624,

165.7308, 167.2854

190.6465,
204.6518, 207.6497

■ 17.7400, 19.5071,
18.1595

■ 17.7400, 19.5071,
18.1595

■ 16.4065, 18.8946,
14.7378

■ 19.2082, 20.1792,
22.0847

■ 15.2018, 18.3374,
11.7981

■ 20.8139, 20.9102,
26.5315

■ 14.1215, 17.8342,
9.3189

■ 22.5615, 21.7026,
31.5183

■ 13.1607, 17.3831,
7.2768

■ 24.4550, 22.5579,
37.0626

■ 12.3138, 16.9817,
5.6463

■ 26.4980, 23.4778,
43.1808

■ 11.5748, 16.6276,
4.3994

■ 28.6941, 24.4638,
49.8889

■ 10.9369, 16.3179,
3.5042

■ 31.0466, 25.5171,
57.2021

■ 10.3926, 16.0496,
2.9241

■ 33.5590, 26.6393,
65.1351

■ 9.9187, 15.8132,
2.5409

■ 36.2344, 27.8317,
73.7020

Harmonies

Analogous

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



18.4035, 19.5071, 17.5104



17.7400, 19.5071, 18.1595



17.2997, 19.5071, 19.6376

Triad

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



17.7400, 19.5071, 18.1595



17.9726, 19.5071, 25.0885



19.9627, 19.5071, 20.8479

Complementary

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



17.7400, 19.5071, 18.1595



16.7692, 16.8261, 21.4338

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.



19.8401, 19.5071, 22.9271



17.7400, 19.5071, 18.1595



18.6790, 19.5071, 25.4647

Square

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



17.7400, 19.5071, 18.1595



17.4316, 19.5071, 23.6536



19.3656, 19.5071, 24.6504



19.6963, 19.5071, 18.9963

Rectangle

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



17.7400, 19.5071, 18.1595



17.1856, 19.5071, 20.9401



19.3656, 19.5071, 24.6504



19.9657, 19.5071, 21.5426

Sweetspot

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



17.7405, 19.5079, 18.1599



32.8972, 35.0964, 36.4177



17.5988, 18.1782, 17.9107



7.7030, 8.2452, 8.4565



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.7405, 19.5079, 18.1599



30.5834, 34.0366, 30.3025



16.9430, 19.0968, 18.1226



4.1538, 4.5546, 4.2847



10.0648, 16.0658, 2.5705



47.0241, 76.1272, 12.2156

Inverse Universe

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



16.7692, 16.8261, 21.4338



28.4510, 28.1485, 37.4903



17.6014, 17.2551, 21.4727



3.9412, 3.9676, 5.0013



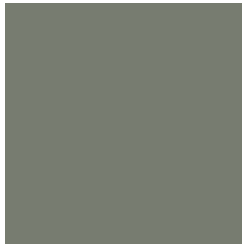
5.1189, 2.2117, 19.5424



23.4948, 10.0740, 93.1760

Previews

White Background



This preview shows how the XYZ color 17.7400, 19.5071, 18.1595 looks on a white background.

Color Contrast Check

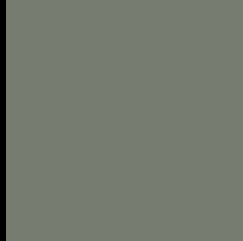
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.7400, 19.5071, 18.1595 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

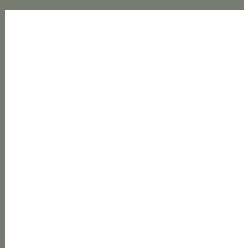
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7400, 19.5071, 18.1595

Background



This preview shows how black text looks on a background with the XYZ color 17.7400, 19.5071, 18.1595.



This preview shows how white text looks on a background with the XYZ color 17.7400, 19.5071,

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

17.7400, 19.5071, 18.1595

Protanopia

18.5812, 19.5788, 17.8387

Deuteranopia

19.7756, 19.4675, 18.3381



Tritanopia

18.9601, 19.4510, 24.2278

Trichromacy



Original Color

17.7400, 19.5071, 18.1595

Protanomaly

18.2644, 19.5987, 17.8592

Deuteranomaly

18.9030, 19.3710, 18.3655

Tritanomaly

18.4828, 19.4393, 21.8468

Monochromacy



Original Color

17.7400, 19.5071, 18.1595

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9753, 19.2201, 19.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7400, 19.5071, 18.1595 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(119, 124, 112)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 112)  
}
```

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(119, 124, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.7400, 19.5071, 18.1595 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(119, 124, 112) }
```


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

```
.border{ border-color:rgb(119, 124, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 112);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7400, 19.5071, 18.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 112) }
```

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

```
.background{ background-color: rgb(119,  
124, 112) }
```

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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