

Converting Colors

XYZ(17.0658, 19.8292, 17.9452)

Have a look what the booklet for
XYZ(17.0658, 19.8292, 17.9452)
contains.

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Color

**XYZ(17.1440, 19.9655,
17.9891)**

Conversions

Conversions Part 1

Format	Color
Hex	6F806F
RGB	111, 128, 111
RGB Percent	44%, 50%, 44%
CMY	0.5647, 0.4980, 0.5647
CMYK	0.13, 0.00, 0.13, 0.50
HSL	120°, 7%, 47%
HSV	120°, 13%, 50%
XYZ	17.1440, 19.9655, 17.9891
YIQ	120.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

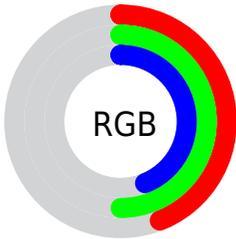
Format	Color
RYB	111, 128, 128
Decimal	7307375
CIELab	51.80, -9.73, 7.15
CIElCh	52, 12.072, 143.684
Yxy	19.9655, 0.3112, 0.3624
Android (android.graphics.Color)	4285497455 (0xFF6F806F)
YUV	120.9790, -4.9196, -8.7516
Hunter-Lab	44.6828, -9.7075, 7.4080

Details

The XYZ color **17.1440, 19.9655, 17.9891** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4835, 17.5171, 22.8299**, and the grayscale version is **18.1841, 19.1311, 20.8337**.

A 20% lighter version of the original color is **38.2390, 43.4786, 41.0271**, and **5.7431, 7.0076, 5.7525** is the 20% darker color. If you saturate the color by 10%, you get **14.9924, 18.9326, 14.4692**, and if you desaturate by 10%, it is **19.6286, 21.1596, 22.0527**.

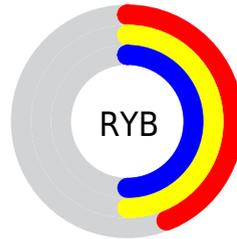
Distribution



Red (44%)

Green (50%)

Blue (44%)



Red (44%)

Yellow (50%)

Blue (50%)

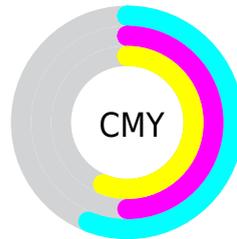


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1440, 19.9655, 17.9891 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 17.1440, 19.9655, 17.9891 by changing the saturation by 10% instead.

■ 17.1440, 19.9655,
17.9891

■ 17.1440, 19.9655,
17.9891

229.1409,
251.7283, 253.0437

■ 10.4332, 12.3700,
10.7728

■ 38.1148, 43.3593,
40.8324

■ 5.7515, 6.9962,
5.8020

■ 53.1055, 59.9264,
57.2966

■ 2.7338, 3.4597,
2.6582

■ 71.5869, 80.2528,
77.6804

■ 1.0146, 1.3762,
0.9223

■ 93.9242, 104.7229,
102.4024

■ 0.0000, 0.1991,
0.0000

120.4830,
133.7211, 131.8812

■ 0.0000, 0.0000,
0.0000

151.6284,

167.6318, 166.5353

187.7260,
206.8394, 206.7833

■ 17.1440, 19.9655,
17.9891

■ 17.1440, 19.9655,
17.9891

■ 14.9924, 18.9326,
14.4692

■ 19.6286, 21.1596,
22.0527

■ 13.1580, 18.0514,
11.4688

■ 22.4577, 22.5185,
26.6802

■ 11.6264, 17.3157,
8.9636

■ 25.6443, 24.0492,
31.8927

■ 10.3813, 16.7176,
6.9270

■ 29.2004, 25.7574,
37.7094

■ 9.4049, 16.2486,
5.3299

■ 33.1372, 27.6484,
44.1489

■ 8.6775, 15.8992,
4.1400

■ 37.4656, 29.7276,
51.2289

■ 8.1764, 15.6585,
3.3205

■ 42.1960, 31.9998,
58.9664

■ 7.8743, 15.5134,
2.8263

■ 47.3384, 34.4700,
67.3779

■ 7.7195, 15.4390,
2.5732

■ 52.9024, 37.1426,
76.4790

Harmonies

Analogous

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



18.0475, 19.9655, 16.1359



17.1440, 19.9655, 17.9891



16.7338, 19.9655, 21.0064

Triad

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



17.1440, 19.9655, 17.9891



18.7191, 19.9655, 29.1442



21.2128, 19.9655, 19.1442

Complementary

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



17.1440, 19.9655, 17.9891



18.4835, 17.5171, 22.8299

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.



21.4114, 19.9655, 22.4885



17.1440, 19.9655, 17.9891



19.9371, 19.9655, 28.5089

Square

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



17.1440, 19.9655, 17.9891



17.6176, 19.9655, 27.6303



20.9354, 19.9655, 25.9769



20.4038, 19.9655, 16.7510

Rectangle

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



17.1440, 19.9655, 17.9891



16.7821, 19.9655, 23.3716



20.9354, 19.9655, 25.9769



21.3546, 19.9655, 20.1843

Sweetspot

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



17.1445, 19.9664, 17.9895



34.1811, 37.0722, 38.2096



19.4544, 21.1023, 18.0871



7.9312, 8.6453, 8.8290



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



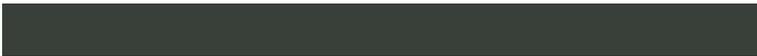
17.1445, 19.9664, 17.9895



28.9538, 34.5613, 29.6593



17.6181, 20.1558, 20.4835



4.2760, 4.8187, 4.6249



7.6541, 15.3082, 2.5514



0.0000, 0.0000, 0.0000

Inverse Universe

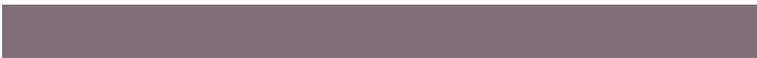
The Inverse Universe completely reimagines the original color for something new.



18.4835, 17.5171, 22.8299



31.7994, 29.3559, 39.9465



17.9642, 17.3094, 20.0953



4.4982, 4.4124, 5.4279



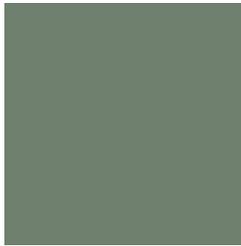
12.6902, 6.0957, 20.7577



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.1440, 19.9655, 17.9891 looks on a white background.

Color Contrast Check

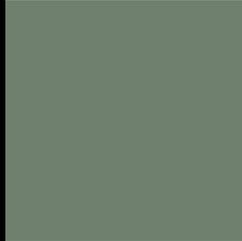
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1440, 19.9655, 17.9891 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

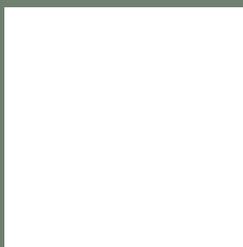
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1440, 19.9655, 17.9891

Background



This preview shows how black text looks on a background with the XYZ color 17.1440, 19.9655, 17.9891.

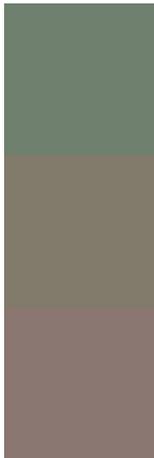


This preview shows how white text looks on a background with the XYZ color 17.1440, 19.9655,

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

17.1440, 19.9655, 17.9891

Protanopia

18.8430, 19.9158, 17.0383

Deuteranopia

20.2249, 19.8749, 18.3930



Tritanopia

18.7770, 20.0613, 25.8042

Trichromacy



Original Color

17.1440, 19.9655, 17.9891

Protanomaly

18.1200, 19.9089, 17.3558

Deuteranomaly

18.9374, 19.7560, 18.1444

Tritanomaly

18.1662, 20.0055, 22.6426

Monochromacy



Original Color

17.1440, 19.9655, 17.9891

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7547, 19.4816, 19.6542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1440, 19.9655, 17.9891 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(111, 128, 111)` looks like.

```
.text, #text, p{  
    color:rgb(111, 128, 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(111, 128, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 128, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.1440, 19.9655, 17.9891 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(111, 128, 111) }
```


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

```
.border{ border-color:rgb(111, 128, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 128, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 128, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 128, 111);  
box-shadow:4px 4px 4px 4px rgb(111, 128,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1440, 19.9655, 17.9891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 128, 111) }
```

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

```
.background{ background-color: rgb(111,  
128, 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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