

Converting Colors

XYZ(18.3854, 19.4633, 22.5353)

Have a look what the booklet for
XYZ(18.3854, 19.4633, 22.5353)
contains.

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Color

**XYZ(18.3332, 19.3474,
22.5068)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | 777A7E |
| RGB | 119, 122, 126 |
| RGB Percent | 47%, 48%, 49% |
| CMY | 0.5333, 0.5216, 0.5059 |
| CMYK | 0.06, 0.03, 0.00, 0.51 |
| HSL | 214°, 3%, 48% |
| HSV | 214°, 6%, 49% |
| XYZ | 18.3332, 19.3474, 22.5068 |
| YIQ | 121.5590, -3.0720, 0.6080 |

Conversions

Conversions Part 2

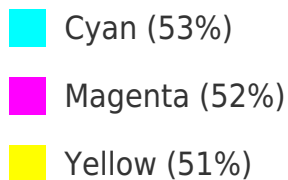
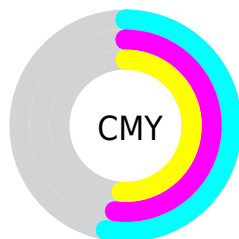
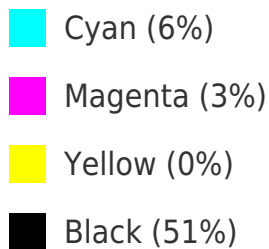
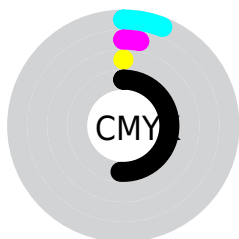
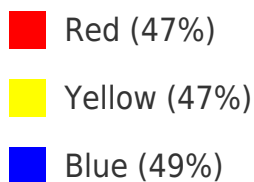
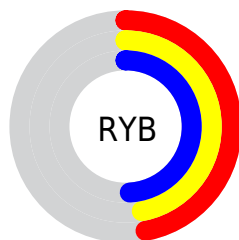
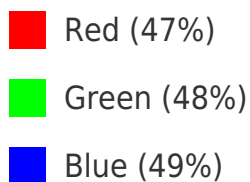
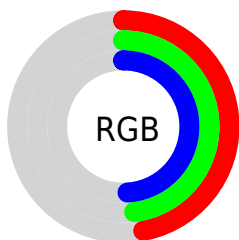
| Format | Color |
|-------------------------------------|--|
| RYB | 119, 121, 126 |
| Decimal | 7830142 |
| CIELab | 51.09, -0.29, -2.58 |
| CIELCh | 51, 2.596, 263.509 |
| Yxy | 19.3474, 0.3046, 0.3215 |
| Android (android.graphics.Color) | 4286020222 (0xFF777A7E) |
| YUV | 121.5590, 2.1894, -2.2442 |
| Hunter-Lab | 43.9857, -2.5763, 0.4522 |

Details

The XYZ color **18.3332, 19.3474, 22.5068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0169, 19.9332, 20.2983**, and the grayscale version is **18.3494, 19.3050, 21.0231**.

A 20% lighter version of the original color is **40.0673, 42.1847, 48.6785**, and **6.3206, 6.6405, 7.9698** is the 20% darker color. If you saturate the color by 10%, you get **15.8663, 16.8127, 22.1479**, and if you desaturate by 10%, it is **21.0959, 22.1329, 22.8991**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 18.3332, 19.3474, 22.5068 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 18.3332, 19.3474, 22.5068 by changing the saturation by 10% instead.


 18.3332, 19.3474,
22.5068

 18.3332, 19.3474,
22.5068


235.7519,
248.3599, 278.2209


 11.2906, 11.9216,
14.0279


 40.1299, 42.3203,
48.4951

 6.3314, 6.6903,
8.0011


 55.6148, 58.6362,
66.8416

 3.0902, 3.2692,
4.0079


 74.6444, 78.6842,
89.3143

 1.2016, 1.2738,
1.6297

97.5842, 102.8487,
116.3319

 0.1077, 0.1208,
0.3119

124.7995,
131.5141, 148.3127

 0.0000, 0.0000,
0.0000

156.6556,

165.0649, 185.6755

193.5180,
203.8854, 228.8388

■ 18.3332, 19.3474,
22.5068

■ 18.3332, 19.3474,
22.5068

■ 15.8663, 16.8127,
22.1479

■ 21.0959, 22.1329,
22.8991

■ 13.6832, 14.5187,
21.8202

■ 24.1627, 25.1737,
23.3244

■ 11.7736, 12.4587,
21.5232

■ 27.5434, 28.4775,
23.7840

■ 10.1255, 10.6241,
21.2559

■ 31.2469, 32.0509,
24.2785

■ 8.7264, 9.0063,
21.0174

■ 35.2818, 35.8999,
24.8088

■ 7.5625, 7.5956,
20.8064

■ 39.6565, 40.0308,
25.3755

■ 6.6185, 6.3816,
20.6219

■ 44.3787, 44.4494,
25.9795

■ 5.8771, 5.3528,
20.4624

■ 49.4563, 49.1613,
26.6214

■ 5.3109, 4.4923,
20.3261

■ 54.8966, 54.1721,
27.3018

Harmonies

Analogous

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



18.0962, 19.3474, 22.2269



18.3332, 19.3474, 22.5068



18.5874, 19.3474, 22.3935

Triad

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



18.3332, 19.3474, 22.5068



18.8470, 19.3474, 20.5054



17.9939, 19.3474, 20.2338

Complementary

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



18.3332, 19.3474, 22.5068



19.0169, 19.9332, 20.2983

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.



18.1923, 19.3474, 19.7921



18.3332, 19.3474, 22.5068



18.6852, 19.3474, 19.9463

Square

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



18.3332, 19.3474, 22.5068



18.8855, 19.3474, 21.2268



18.4452, 19.3474, 19.6881



17.9015, 19.3474, 20.9061

Rectangle

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



18.3332, 19.3474, 22.5068



18.7322, 19.3474, 22.1114



18.4452, 19.3474, 19.6881



18.0503, 19.3474, 20.0541

Sweetspot

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



18.3338, 19.3482, 22.5072



33.9169, 35.7258, 39.8525



18.6420, 20.2732, 21.6588



7.7312, 8.1428, 9.0673



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.



18.3338, 19.3482, 22.5072



31.5379, 33.3096, 39.5115



18.0350, 18.6554, 22.3892



4.3613, 4.6066, 5.4726



5.2146, 4.2476, 20.7950



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7143, 19.0348, 21.1011



32.3953, 32.6147, 36.3411



19.3264, 20.6541, 20.4211



4.4821, 4.5089, 5.0260



9.5090, 4.8233, 4.0044



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3332, 19.3474, 22.5068 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 18.3332, 19.3474, 22.5068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

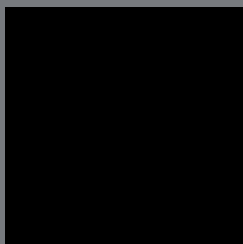
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

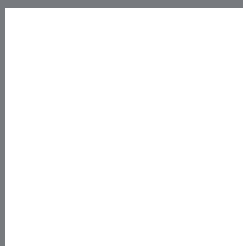
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3332, 19.3474, 22.5068

Background



This preview shows how black text looks on a background with the XYZ color 18.3332, 19.3474, 22.5068.



This preview shows how white text looks on a background with the XYZ color 18.3332, 19.3474,

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

18.3332, 19.3474, 22.5068

Protanopia

18.7074, 19.3664, 22.1541

Deuteranopia

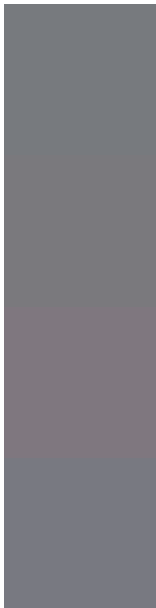
19.6693, 19.3145, 22.7701



Tritanopia

18.6798, 19.3065, 24.2147

Trichromacy



Original Color
18.3332, 19.3474, 22.5068

Protanomaly
18.5651, 19.2930, 22.1475

Deuteranomaly
19.1800, 19.2380, 22.7811

Tritanomaly
18.5455, 19.2528, 23.5076

Monochromacy



Original Color
18.3332, 19.3474, 22.5068

Achromatopsia
18.4984, 19.4618, 21.1939

Achromatomaly
18.4198, 19.4141, 21.5154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3332, 19.3474, 22.5068 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, 122, 126) looks like.

```
.text, #text, p{  
    color:rgb(119, 122, 126)  
}
```

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, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 122, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.3332, 19.3474, 22.5068 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, 122, 126) }
```

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

```
.border{ border-color:rgb(119, 122, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(119, 122,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3332, 19.3474, 22.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 122, 126) }
```

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

```
.background{ background-color: rgb(119,  
122, 126) }
```

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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