

Converting Colors

XYZ(18.6667, 19.1724, 22.9123)

Have a look what the booklet for
XYZ(18.6667, 19.1724, 22.9123)
contains.

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Color

**XYZ(18.5733, 19.1028,
22.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	7A787F
RGB	122, 120, 127
RGB Percent	48%, 47%, 50%
CMY	0.5216, 0.5294, 0.5020
CMYK	0.04, 0.06, 0.00, 0.50
HSL	257°, 3%, 48%
HSV	257°, 6%, 50%
XYZ	18.5733, 19.1028, 22.7870
YIQ	121.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

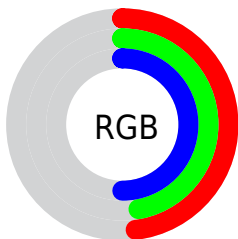
Format	Color
R_{YB}	122, 120, 127
Decimal	8026239
CIE Lab	50.81, 2.19, -3.56
CIE LCh	51, 4.175, 301.571
Yxy	19.1028, 0.3072, 0.3159
Android (android.graphics.Color)	4286216319 (0xFF7A787F)
YUV	121.3960, 2.7628, 0.5297
Hunter-Lab	43.7068, -0.6328, -0.3168

Details

The XYZ color **18.5733, 19.1028, 22.7870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4376, 20.8953, 20.7789**, and the grayscale version is **18.2942, 19.2469, 20.9599**.

A 20% lighter version of the original color is **40.4463, 41.7990, 49.1163**, and **6.4402, 6.6013, 8.1425** is the 20% darker color. If you saturate the color by 10%, you get **15.9209, 15.6169, 22.2542**, and if you desaturate by 10%, it is **21.5494, 23.0574, 23.3937**.

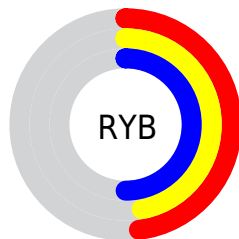
Distribution



Red (48%)

Green (47%)

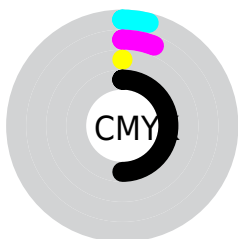
Blue (50%)



Red (48%)

Yellow (47%)

Blue (50%)

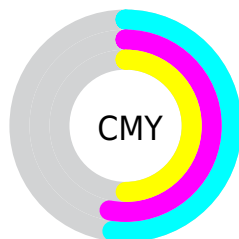


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (50%)



Cyan (52%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5733, 19.1028, 22.7870 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 18.5733, 19.1028, 22.7870 by changing the saturation by 10% instead.

■ 18.5733, 19.1028,
22.7870

■ 18.5733, 19.1028,
22.7870

237.0665,
247.0157, 279.7155

■ 11.4645, 11.7446,
14.2325

■ 40.5343, 41.9077,
48.9621

■ 6.4498, 6.5700,
8.1419

■ 56.1172, 58.1232,
67.4198

■ 3.1637, 3.1947,
4.0968

■ 75.2556, 78.0600,
90.0156

■ 1.2409, 1.2342,
1.6786

98.3148, 102.1023,
117.1680

■ 0.1383, 0.0894,
0.3460

125.6601,
130.6347, 149.2957

■ 0.0000, 0.0000,
0.0000

157.6569,

164.0414, 186.8172

194.6706,
202.7069, 230.1509

■ 18.5733, 19.1028,
22.7870

■ 18.5733, 19.1028,
22.7870

■ 15.9209, 15.6169,
22.2542

■ 21.5494, 23.0574,
23.3937

■ 13.5794, 12.5797,
21.7914

■ 24.8581, 27.4948,
24.0759

■ 11.5374, 9.9734,
21.3960

■ 28.5101, 32.4316,
24.8363

■ 9.7823, 7.7781,
21.0647

■ 32.5152, 37.8829,
25.6774

■ 8.3006, 5.9722,
20.7943

■ 36.8825, 43.8629,
26.6015

■ 7.0776, 4.5322,
20.5808

■ 41.6211, 50.3857,
27.6107

■ 6.0969, 3.4319,
20.4201

■ 46.7396, 57.4643,
28.7073

■ 5.3404, 2.6414,
20.3074

■ 52.2463, 65.1118,
29.8932

■ 4.7811, 2.1141,
20.2351

■ 58.1493, 73.3406,
31.1704

Harmonies

Analogous

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



18.1783, 19.1028, 23.1437



18.5733, 19.1028, 22.7870



18.8601, 19.1028, 21.8952

Triad

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



18.5733, 19.1028, 22.7870



18.5352, 19.1028, 18.8732



17.3785, 19.1028, 20.8618

Complementary

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



18.5733, 19.1028, 22.7870



19.4376, 20.8953, 20.7789

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.



17.4709, 19.1028, 19.7413



18.5733, 19.1028, 22.7870



18.1350, 19.1028, 18.6195

Square

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



18.5733, 19.1028, 22.7870



18.8379, 19.1028, 19.6378



17.7463, 19.1028, 18.9314



17.4920, 19.1028, 22.0066

Rectangle

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



18.5733, 19.1028, 22.7870



18.9492, 19.1028, 21.1330



17.7463, 19.1028, 18.9314



17.3865, 19.1028, 20.4699

Sweetspot

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



18.5739, 19.1036, 22.7874



35.0396, 36.5651, 41.1672



18.9129, 20.1974, 22.9807



8.2214, 8.5843, 9.6420



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.



18.5739, 19.1036, 22.7874



32.4347, 33.1185, 40.6393



19.0760, 19.3625, 22.8109



4.3343, 4.4234, 5.4386



4.6054, 1.9279, 20.3793



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.1712, 19.4264, 22.1421



33.8140, 33.8641, 39.1405



18.9379, 20.6377, 20.7555



4.5217, 4.5247, 5.2348



10.7193, 5.3074, 10.3774



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5733, 19.1028, 22.7870 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 18.5733, 19.1028, 22.7870 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

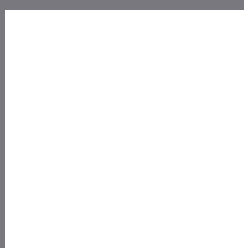
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5733, 19.1028, 22.7870

Background



This preview shows how black text looks on a background with the XYZ color 18.5733, 19.1028, 22.7870.



This preview shows how white text looks on a background with the XYZ color 18.5733, 19.1028,

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

18.5733, 19.1028, 22.7870

Protanopia

18.4324, 19.0302, 22.7804

Deuteranopia

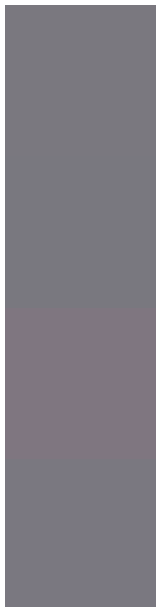
19.4635, 19.0269, 23.0688



Tritanopia

18.7050, 19.1555, 23.4804

Trichromacy



Original Color

18.5733, 19.1028, 22.7870

Protanomaly

18.4324, 19.0302, 22.7804

Deuteranomaly

19.1271, 19.0274, 23.0866

Tritanomaly

18.6388, 19.1290, 23.1320

Monochromacy



Original Color

18.5733, 19.1028, 22.7870

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2977, 19.1698, 21.4746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5733, 19.1028, 22.7870 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(122, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 127)  
}
```

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(122, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.5733, 19.1028, 22.7870 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(122, 120, 127) }
```


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

```
.border{ border-color:rgb(122, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5733, 19.1028, 22.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 127) }
```

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

```
.background{ background-color: rgb(122,  
120, 127) }
```

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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