

Converting Colors

XYZ(18.4447, 19.0520, 22.1076)

Have a look what the booklet for
XYZ(18.4447, 19.0520, 22.1076)
contains.

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Color

**XYZ(18.4442, 19.0512,
22.1072)**

Conversions

Conversions Part 1	
Format	Color
Hex	7A787D
RGB	122, 120, 125
RGB Percent	48%, 47%, 49%
CMY	0.5216, 0.5294, 0.5098
CMYK	0.02, 0.04, 0.00, 0.51
HSL	264°, 2%, 48%
HSV	264°, 4%, 49%
XYZ	18.4442, 19.0512, 22.1072
YIQ	121.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

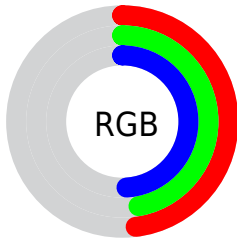
Format	Color
RYB	122, 120, 125
Decimal	8026237
CIELab	50.75, 1.77, -2.47
CIELCh	51, 3.039, 305.669
Yxy	19.0512, 0.3095, 0.3196
Android (android.graphics.Color)	4286216317 (0xFF7A787D)
YUV	121.1680, 1.8892, 0.7297
Hunter-Lab	43.6477, -0.9547, 0.5235

Details

The XYZ color **18.4442, 19.0512, 22.1072** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8929, 20.2348, 20.6802**, and the grayscale version is **18.2229, 19.1719, 20.8782**.

A 20% lighter version of the original color is **40.2440, 41.7181, 48.0508**, and **6.3695, 6.5730, 7.7705** is the 20% darker color. If you saturate the color by 10%, you get **16.0164, 15.7122, 21.5909**, and if you desaturate by 10%, it is **21.1514, 22.8267, 22.6936**.

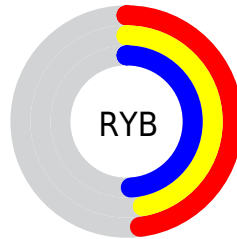
Distribution



Red (48%)

Green (47%)

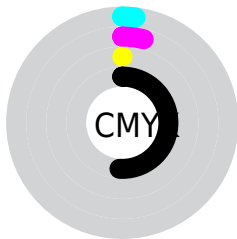
Blue (49%)



Red (48%)

Yellow (47%)

Blue (49%)

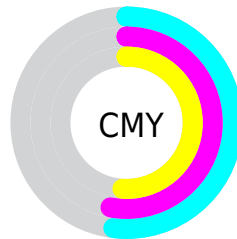


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (51%)



Cyan (52%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4442, 19.0512, 22.1072 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 18.4442, 19.0512, 22.1072 by changing the saturation by 10% instead.


 18.4442, 19.0512,
22.1072


 18.4442, 19.0512,
22.1072


236.3605,
246.7313, 276.0773


 11.3710, 11.7073,
13.7366


 40.3170, 41.8206,
47.8276

 6.3861, 6.5447,
7.8011


 55.8472, 58.0149,
66.0144

 3.1241, 3.1790,
3.8820

 74.9272, 77.9280,
88.3105

 1.2197, 1.2259,
1.5608

97.9223, 101.9445,
115.1343

 0.1219, 0.0827,
0.2626

125.1978,
130.4487, 146.9043


 0.0000, 0.0000,
0.0000


157.1191,


163.8249, 184.0391

194.0515,
202.4577, 226.9573


 18.4442, 19.0512,
22.1072


 18.4442, 19.0512,
22.1072


 16.0164, 15.7122,
21.5909


 21.1514, 22.8267,
22.6936


 13.8570, 12.7911,
21.1409


 24.1453, 27.0515,
23.3512


 11.9565, 10.2718,
20.7548

 27.4350, 31.7407,
24.0829

 10.3045, 8.1361,
20.4297

 31.0285, 36.9081,
24.8910

 8.8896, 6.3642,
20.1622

 34.9337, 42.5671,
25.7774

7.6993, 4.9347,
19.9490

39.1582, 48.7302,
26.7444

6.7202, 3.8238,
19.7862

43.7091, 55.4097,
27.7938

5.9370, 3.0044,
19.6694

48.5935, 62.6173,
28.9276

5.3300, 2.4410,
19.5926

53.8182, 70.3646,
30.1476

Harmonies

Analogous

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



18.1643, 19.0512, 22.4219



18.4442, 19.0512, 22.1072



18.6354, 19.0512, 21.4279

Triad

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



18.4442, 19.0512, 22.1072



18.3450, 19.0512, 19.2821



17.5427, 19.0512, 20.9063

Complementary

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



18.4442, 19.0512, 22.1072



18.8929, 20.2348, 20.6802

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.



17.5898, 19.0512, 20.0739



18.4442, 19.0512, 22.1072



18.0510, 19.0512, 19.1510

Square

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



18.4442, 19.0512, 22.1072



18.5777, 19.0512, 19.8001



17.7751, 19.0512, 19.4371



17.6455, 19.0512, 21.7164

Rectangle

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



18.4442, 19.0512, 22.1072



18.6857, 19.0512, 20.8678



17.7751, 19.0512, 19.4371



17.5415, 19.0512, 20.6197

Sweetspot

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



18.4447, 19.0520, 22.1076



34.4183, 36.0447, 39.8876



18.5414, 19.6610, 22.2201



7.8370, 8.2101, 9.0747



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.



18.4447, 19.0520, 22.1076



32.5168, 33.4073, 39.4788



18.7913, 19.2307, 22.1238



4.4828, 4.5978, 5.4645



5.2271, 2.2484, 20.4084



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7498, 19.2239, 21.4622



33.2130, 33.7996, 38.0027



18.5514, 20.0587, 20.6642



4.5856, 4.6557, 5.2462



10.1501, 5.0797, 7.3802



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.4442, 19.0512, 22.1072 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 18.4442, 19.0512, 22.1072 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

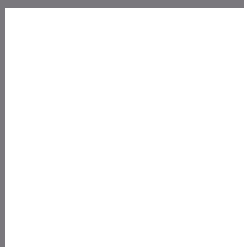
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4442, 19.0512, 22.1072

Background



This preview shows how black text looks on a background with the XYZ color 18.4442, 19.0512, 22.1072.



This preview shows how white text looks on a background with the XYZ color 18.4442, 19.0512,

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

18.4442, 19.0512, 22.1072

Protanopia

18.4442, 19.0512, 22.1072

Deuteranopia

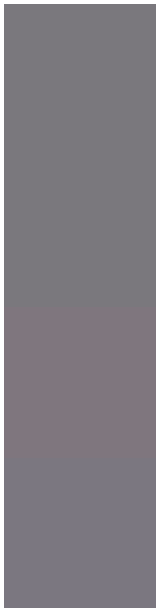
19.3331, 18.9748, 22.3822



Tritanopia

18.7277, 18.9896, 23.4472

Trichromacy



Original Color
18.4442, 19.0512, 22.1072

Protanomaly
18.4442, 19.0512, 22.1072

Deuteranomaly
18.9967, 18.9753, 22.4000

Tritanomaly
18.6615, 18.9631, 23.0988

Monochromacy



Original Color
18.4442, 19.0512, 22.1072

Achromatopsia
18.1737, 19.1202, 20.8219

Achromatomaly
18.2354, 19.1448, 21.1466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4442, 19.0512, 22.1072 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, 125) looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.4442, 19.0512, 22.1072 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, 125) }
```


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

```
.border{ border-color:rgb(122, 120, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4442, 19.0512, 22.1072 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, 125) }
```

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

```
.background{ background-color: rgb(122,  
120, 125) }
```

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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