

Converting Colors

XYZ(19.5025, 22.2478, 21.5913)

Have a look what the booklet for
XYZ(19.5025, 22.2478, 21.5913)
contains.

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Color

**XYZ(19.5092, 22.3069,
21.6898)**

Conversions

Conversions Part 1	
Format	Color
Hex	76867A
RGB	118, 134, 122
RGB Percent	46%, 53%, 48%
CMY	0.5373, 0.4745, 0.5216
CMYK	0.12, 0.00, 0.09, 0.47
HSL	135°, 6%, 49%
HSV	135°, 12%, 53%
XYZ	19.5092, 22.3069, 21.6898
YIQ	127.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

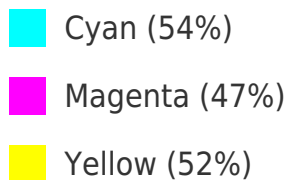
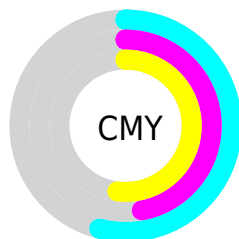
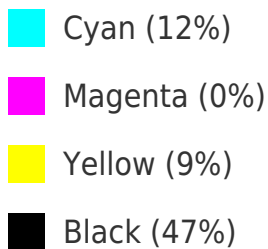
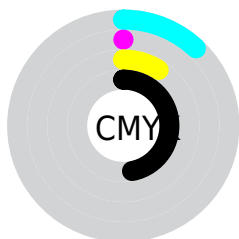
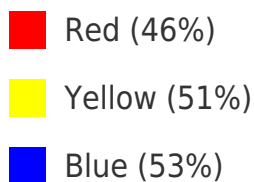
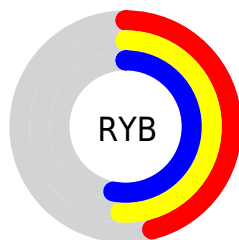
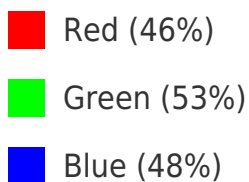
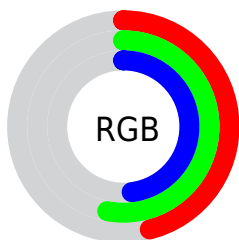
Format	Color
RYB	118, 131, 134
Decimal	7767674
CIELab	54.35, -8.30, 4.49
CIELCh	54, 9.433, 151.575
Yxy	22.3069, 0.3072, 0.3513
Android (android.graphics.Color)	4285957754 (0xFF76867A)
YUV	127.8480, -2.8831, -8.6367
Hunter-Lab	47.2302, -8.9205, 5.8330

Details

The XYZ color **19.5092, 22.3069, 21.6898** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3401, 19.6375, 23.8386**, and the grayscale version is **20.4768, 21.5431, 23.4605**.

A 20% lighter version of the original color is **41.9879, 47.1427, 46.9309**, and **6.8987, 8.1238, 7.5078** is the 20% darker color. If you saturate the color by 10%, you get **17.2263, 21.1989, 18.4987**, and if you desaturate by 10%, it is **22.1163, 23.5758, 25.2333**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5092, 22.3069, 21.6898 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 19.5092, 22.3069, 21.6898 by changing the saturation by 10% instead.


 19.5092, 22.3069,
21.6898


 19.5092, 22.3069,
21.6898


242.1301,
264.1448, 273.8225


 12.1450, 14.0826,
13.4330


 42.1030, 47.2527,
47.1284

 6.9154, 8.1781,
7.5932


 58.0633, 64.7430,
65.1472

 3.4551, 4.2091,
3.7517

 77.6197, 86.0907,
87.2572

 1.3987, 1.7912,
1.4902

101.1375,
111.6803, 113.8768

 0.2553, 0.4817,
0.2106


128.9821,
141.8961, 145.4246


 0.0000, 0.0000,
0.0000


161.5188,


177.1225, 182.3191


199.1130,
217.7440, 224.9789


 19.5092, 22.3069,
21.6898

 19.5092, 22.3069,
21.6898


 17.2263, 21.1989,
18.4987


 22.1163, 23.5758,
25.2333


 15.2530, 20.2427,
15.6477


 25.0579, 25.0089,
29.1380


 13.5762, 19.4324,
13.1260


 28.3459, 26.6127,
33.4143


 12.1813, 18.7606,
10.9216


 31.9914, 28.3927,
38.0717


 11.0522, 18.2194,
9.0220


 36.0046, 30.3540,
43.1192


 10.1714, 17.8000,
7.4136


 40.3957, 32.5017,
48.5658


 9.5189, 17.4924,
6.0819

 45.1741, 34.8404,
54.4200

 9.0716, 17.2851,
5.0110

 50.3493, 37.3749,
60.6901

 8.8070, 17.1637,
4.3243

 55.9300, 40.1095,
67.3842

Harmonies

Analogous

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



20.1828, 22.3069, 19.7737



19.5092, 22.3069, 21.6898



19.2851, 22.3069, 24.4445

Triad

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



19.5092, 22.3069, 21.6898



21.2565, 22.3069, 30.4044



22.9327, 22.3069, 21.4406

Complementary

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



19.5092, 22.3069, 21.6898



20.3401, 19.6375, 23.8386

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.



23.2420, 22.3069, 24.1330



19.5092, 22.3069, 21.6898



22.2550, 22.3069, 29.4428

Square

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



19.5092, 22.3069, 21.6898



20.2741, 22.3069, 29.6202



22.9901, 22.3069, 27.0867



22.1578, 22.3069, 19.6382

Rectangle

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



19.5092, 22.3069, 21.6898



19.4148, 22.3069, 26.4322



22.9901, 22.3069, 27.0867



23.0957, 22.3069, 22.2638

Sweetspot

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



19.5098, 22.3078, 21.6903



37.9301, 41.0325, 43.0634



21.0429, 23.1262, 20.4946



8.4742, 9.2096, 9.6057



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.5098, 22.3078, 21.6903



33.3700, 38.8150, 36.8283



20.0085, 22.5073, 24.3161



4.6605, 5.2225, 5.2236



8.2570, 16.0856, 4.0727



0.0312, 0.0568, 0.0276

Inverse Universe

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



20.3401, 19.6375, 23.8386



35.0950, 33.2664, 41.2916



19.8401, 19.4375, 21.2058



4.8095, 4.7435, 5.6090



11.3966, 5.6230, 11.9268



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 19.5092, 22.3069, 21.6898 looks on a white background.

Color Contrast Check

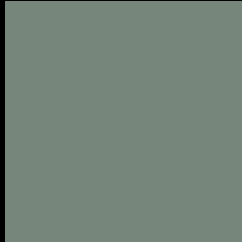
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5092, 22.3069, 21.6898 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

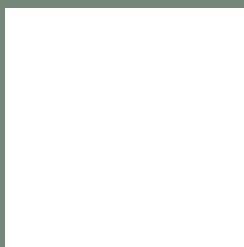
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5092, 22.3069, 21.6898

Background



This preview shows how black text looks on a background with the XYZ color 19.5092, 22.3069, 21.6898.



This preview shows how white text looks on a background with the XYZ color 19.5092, 22.3069,

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

19.5092, 22.3069, 21.6898

Protanopia

21.1717, 22.1833, 20.6187

Deuteranopia

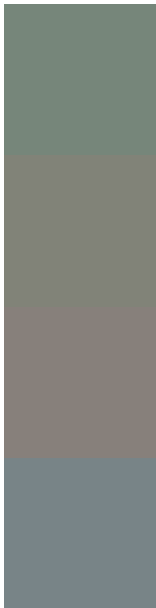
22.6488, 22.1422, 22.1489



Tritanopia

20.8839, 22.2505, 28.7853

Trichromacy



Original Color
19.5092, 22.3069, 21.6898

Protanomaly
20.5597, 22.2558, 20.9815

Deuteranomaly
21.2860, 22.0193, 21.8671

Tritanomaly
20.3702, 22.2449, 26.1417

Monochromacy



Original Color
19.5092, 22.3069, 21.6898

Achromatopsia
20.5175, 21.5861, 23.5072

Achromatomaly
20.0607, 21.7567, 22.8808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5092, 22.3069, 21.6898 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(118, 134, 122) looks like.

```
.text, #text, p{  
    color:rgb(118, 134, 122)  
}
```

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(118, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 134, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.5092, 22.3069, 21.6898 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(118, 134, 122) }
```


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

```
.border{ border-color:rgb(118, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(118, 134,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5092, 22.3069, 21.6898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 134, 122) }
```

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

```
.background{ background-color: rgb(118,  
134, 122) }
```

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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