

Converting Colors

XYZ(19.9815, 21.9062, 23.0198)

Have a look what the booklet for
XYZ(19.9815, 21.9062, 23.0198)
contains.

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Color

**XYZ(19.9082, 21.8765,
22.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	7A837E
RGB	122, 131, 126
RGB Percent	48%, 51%, 49%
CMY	0.5216, 0.4863, 0.5059
CMYK	0.07, 0.00, 0.04, 0.49
HSL	147°, 4%, 50%
HSV	147°, 7%, 51%
XYZ	19.9082, 21.8765, 22.9120
YIQ	127.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

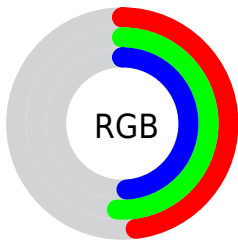
Format	Color
R_{YB}	122, 128, 131
Decimal	8029054
CIE Lab	53.90, -4.34, 1.55
CIE LCh	54, 4.604, 160.317
Yxy	21.8765, 0.3077, 0.3381
Android (android.graphics.Color)	4286219134 (0xFF7A837E)
YUV	127.7390, -0.8573, -5.0331
Hunter-Lab	46.7723, -5.8747, 3.6967

Details

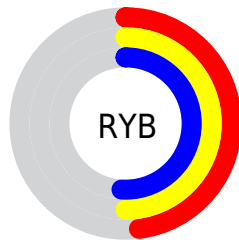
The XYZ color **19.9082, 21.8765, 22.9120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1511, 20.2772, 22.9314**, and the grayscale version is **20.4317, 21.4957, 23.4089**.

A 20% lighter version of the original color is **42.7327, 46.5343, 49.3776**, and **7.1045, 7.9869, 8.1884** is the 20% darker color. If you saturate the color by 10%, you get **17.7242, 20.8036, 20.4467**, and if you desaturate by 10%, it is **22.3777, 23.0939, 25.5700**.

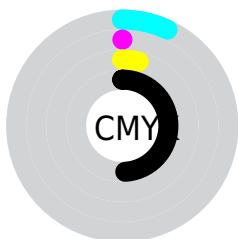
Distribution



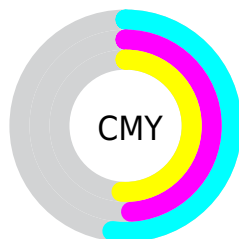
- Red (48%)
- Green (51%)
- Blue (49%)



- Red (48%)
- Yellow (50%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (52%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9082, 21.8765, 22.9120 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 19.9082, 21.8765, 22.9120 by changing the saturation by 10% instead.

■ 19.9082, 21.8765,
22.9120

■ 19.9082, 21.8765,
22.9120

244.2608,
261.9006, 280.3799

■ 12.4362, 13.7662,
14.3239

■ 42.7683, 46.5418,
49.1702

■ 7.1158, 7.9582,
8.2049

■ 58.8872, 63.8656,
67.6772

■ 3.5816, 4.0682,
4.1367

■ 78.6191, 85.0293,
90.3277

■ 1.4683, 1.7118,
1.7006

102.3293,
110.4173, 117.5401

■ 0.3041, 0.4313,
0.3612

130.3832,
140.4141, 149.7330

■ 0.0000, 0.0000,
0.0000

163.1462,

175.4039, 187.3249

200.9836,
215.7713, 230.7344

■ 19.9082, 21.8765,
22.9120

■ 19.9082, 21.8765,
22.9120

■ 17.7242, 20.8036,
20.4467

■ 22.3777, 23.0939,
25.5700

■ 15.8133, 19.8669,
18.1684

■ 25.1409, 24.4581,
28.4234

■ 14.1646, 19.0616,
16.0732

■ 28.2080, 25.9749,
31.4767

■ 12.7660, 18.3816,
14.1564

■ 31.5882, 27.6488,
34.7337

■ 11.6044, 17.8201,
12.4132

■ 35.2902, 29.4844,
38.1983

■ 10.6653, 17.3699,
10.8387

■ 39.3224, 31.4859,
41.8740

■ 9.9325, 17.0226,
9.4275

■ 43.6928, 33.6574,
45.7645

■ 9.3878, 16.7690,
8.1739

■ 48.4094, 36.0028,
49.8732

■ 8.9966, 16.5913,
7.0715

■ 53.4795, 38.5260,
54.2036

Harmonies

Analogous

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



20.1822, 21.8765, 21.7981



19.9082, 21.8765, 22.9120



19.8691, 21.8765, 24.3121

Triad

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



19.9082, 21.8765, 22.9120



20.9642, 21.8765, 26.6081



21.5283, 21.8765, 22.0966

Complementary

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



19.9082, 21.8765, 22.9120



20.1511, 20.2772, 22.9314

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.



21.7450, 21.8765, 23.3342



19.9082, 21.8765, 22.9120



21.4159, 21.8765, 25.9627

Square

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



19.9082, 21.8765, 22.9120



20.4735, 21.8765, 26.4841



21.7035, 21.8765, 24.7512



21.1157, 21.8765, 21.3405

Rectangle

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



19.9082, 21.8765, 22.9120



19.9808, 21.8765, 25.2247



21.7035, 21.8765, 24.7512



21.6268, 21.8765, 22.4680

Sweetspot

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



19.9088, 21.8774, 22.9125



37.7194, 40.1947, 43.2825



20.3972, 22.1584, 21.6145



8.7963, 9.3653, 10.0926



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.



19.9088, 21.8774, 22.9125



35.1085, 38.9091, 40.4303



20.1992, 21.9936, 24.4417



4.6959, 5.2366, 5.4098



8.7477, 16.2819, 6.6567



0.0339, 0.0578, 0.0419

Inverse Universe

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



20.1511, 20.2772, 22.9314



35.6209, 35.5251, 40.4703



19.8704, 20.1649, 21.4531



4.7728, 4.7288, 5.4158



10.3918, 5.2211, 6.6355



0.0397, 0.0196, 0.0424

Previews

White Background



This preview shows how the XYZ color 19.9082, 21.8765, 22.9120 looks on a white background.

Color Contrast Check

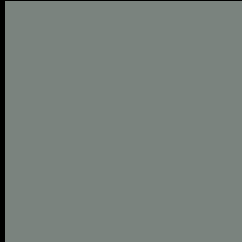
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9082, 21.8765, 22.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

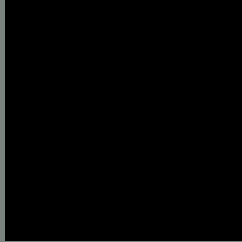
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

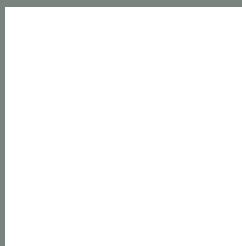
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9082, 21.8765, 22.9120

Background



This preview shows how black text looks on a background with the XYZ color 19.9082, 21.8765, 22.9120.



This preview shows how white text looks on a background with the XYZ color 19.9082, 21.8765,

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

19.9082, 21.8765, 22.9120

Protanopia

20.8730, 21.7991, 22.1763

Deuteranopia

22.3197, 21.9503, 23.1391



Tritanopia

20.8226, 21.8497, 27.5460

Trichromacy



Original Color

19.9082, 21.8765, 22.9120

Protanomaly

20.4540, 21.7704, 22.5261

Deuteranomaly

21.4118, 21.8619, 23.1699

Tritanomaly

20.4541, 21.8974, 25.7028

Monochromacy



Original Color

19.9082, 21.8765, 22.9120

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2852, 21.6684, 23.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9082, 21.8765, 22.9120 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, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(122, 131, 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(122, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 131, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.9082, 21.8765, 22.9120 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, 131, 126) }
```


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

```
.border{ border-color:rgb(122, 131, 126) }
```

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

Here you see how a box with a 4 pixel rgb(122, 131, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 131, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 131, 126);  
box-shadow:4px 4px 4px 4px rgb(122, 131,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9082, 21.8765, 22.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 131, 126) }
```

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

```
.background{ background-color: rgb(122,  
131, 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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