

Converting Colors

XYZ(21.9162, 19.0494, 16.8458)

Have a look what the booklet for
XYZ(21.9162, 19.0494, 16.8458)
contains.

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Color

**XYZ(21.8857, 19.0879,
16.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D6C
RGB	156, 109, 108
RGB Percent	61%, 43%, 42%
CMY	0.3882, 0.5725, 0.5765
CMYK	0.00, 0.30, 0.31, 0.39
HSL	1°, 20%, 52%
HSV	1°, 31%, 61%
XYZ	21.8857, 19.0879, 16.7182
YIQ	122.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

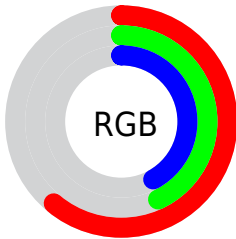
Format	Color
R_{YB}	156, 109, 108
Decimal	10251628
CIE _{Lab}	50.79, 18.58, 8.06
CIE _{LCh}	51, 20.248, 23.454
Yxy	19.0879, 0.3794, 0.3309
Android (android.graphics.Color)	4288441708 (0xFF9C6D6C)
YUV	122.9390, -7.3649, 28.9945
Hunter-Lab	43.6897, 12.9599, 7.8950

Details

The XYZ color **21.8857, 19.0879, 16.7182** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9060, 29.0301, 35.7959**, and the grayscale version is **18.8240, 19.8043, 21.5669**.

A 20% lighter version of the original color is **46.1543, 41.9900, 38.4732**, and **8.1046, 6.5580, 5.2535** is the 20% darker color. If you saturate the color by 10%, you get **19.6384, 15.8052, 12.2330**, and if you desaturate by 10%, it is **24.5658, 22.9982, 22.0811**.

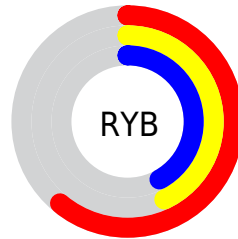
Distribution



Red (61%)

Green (43%)

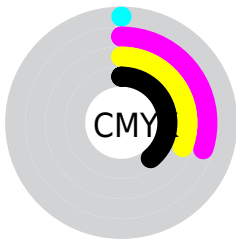
Blue (42%)



Red (61%)

Yellow (43%)

Blue (42%)

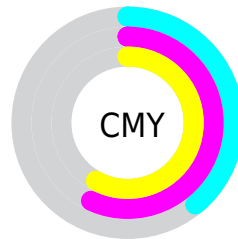


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (39%)



Cyan (39%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8857, 19.0879, 16.7182 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 21.8857, 19.0879, 16.7182 by changing the saturation by 10% instead.

■ 21.8857, 19.0879,
16.7182

■ 21.8857, 19.0879,
16.7182

254.5924,
246.9336, 245.5319

■ 13.8891, 11.7338,
9.8740

■ 46.0373, 41.8826,
38.6246

■ 8.1247, 6.5627,
5.2110

■ 62.9229, 58.0920,
54.5239

■ 4.2273, 3.1902,
2.3107

■ 83.5023, 78.0219,
74.2785

■ 1.8315, 1.2318,
0.7372

■ 108.1407,
102.0568, 98.3071

■ 0.5366, 0.0874,
0.0000

137.2036,
130.5810, 127.0282

■ 0.0000, 0.0000,
0.0000

171.0563,

163.9789, 160.8604

210.0641,
202.6350, 200.2221

■ 21.8857, 19.0879,
16.7182

■ 21.8857, 19.0879,
16.7182

■ 19.6384, 15.8052,
12.2330

■ 24.5658, 22.9982,
22.0811

■ 17.7998, 13.1148,
8.5776

■ 27.6980, 27.5634,
28.3636

■ 16.3457, 10.9822,
5.7016


■ 31.3024, 32.8126,
35.6064

■ 15.2488, 9.3685,
3.5483

■ 35.3975, 38.7723,
43.8475

■ 14.4784, 8.2292,
2.0536


■ 40.0006, 45.4677,
53.1228


 13.9984, 7.5129,
1.1422

 45.1284, 52.9226,
63.4663

 13.7457, 7.1387,
0.6534

 50.7967, 61.1598,
74.9105

 57.0206, 70.2012,
87.4867

 63.8147, 80.0678,
101.2247

Harmonies

Analogous

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



22.2175, 19.0879, 22.0585



21.8857, 19.0879, 16.7182



20.5187, 19.0879, 13.1614

Triad

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



21.8857, 19.0879, 16.7182



15.2376, 19.0879, 14.9149



17.7096, 19.0879, 33.6887

Complementary

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



21.8857, 19.0879, 16.7182



23.9060, 29.0301, 35.7959

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.



15.9571, 19.0879, 30.8939



21.8857, 19.0879, 16.7182



14.5989, 19.0879, 19.5586

Square

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



21.8857, 19.0879, 16.7182



16.6611, 19.0879, 12.2611



14.8524, 19.0879, 25.4595



19.7091, 19.0879, 32.5505

Rectangle

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



21.8857, 19.0879, 16.7182



19.2546, 19.0879, 11.9460



14.8524, 19.0879, 25.4595



17.0740, 19.0879, 33.1636

Sweetspot

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



21.8862, 19.0888, 16.7186



51.2904, 51.4951, 53.4902



25.0062, 20.1665, 33.6731



11.1007, 11.0610, 11.3978



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.8862, 19.0888, 16.7186



36.8281, 30.4008, 24.5289



24.7774, 24.8711, 17.6823



6.6436, 6.6672, 6.9224



11.3255, 5.8866, 0.5393



0.2054, 0.1110, 0.0106

Inverse Universe

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



23.9060, 29.0301, 35.7959



41.0994, 51.4288, 64.8873



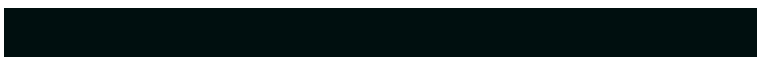
20.3285, 21.8750, 34.6034



6.8100, 7.4857, 8.4926



14.2939, 20.6794, 29.1454



0.2589, 0.3764, 0.5222

Previews

White Background



This preview shows how the XYZ color 21.8857, 19.0879, 16.7182 looks on a white background.

Color Contrast Check

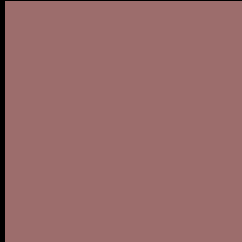
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8857, 19.0879, 16.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

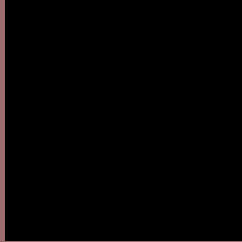
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8857, 19.0879, 16.7182

Background



This preview shows how black text looks on a background with the XYZ color 21.8857, 19.0879, 16.7182.

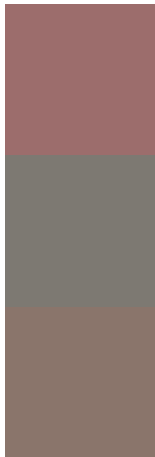


This preview shows how white text looks on a background with the XYZ color 21.8857, 19.0879,

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

21.8857, 19.0879, 16.7182

Protanopia

18.3321, 19.2496, 18.6689

Deuteranopia

19.4964, 19.1874, 16.5859



Tritanopia

22.4196, 19.1542, 19.0385

Trichromacy



Original Color

21.8857, 19.0879, 16.7182

Protanomaly

19.4393, 19.1267, 17.9965

Deuteranomaly

20.3482, 19.1159, 16.5272

Tritanomaly

22.2478, 19.0855, 18.1341

Monochromacy



Original Color

21.8857, 19.0879, 16.7182

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7401, 19.4158, 19.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8857, 19.0879, 16.7182 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(156, 109, 108)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 108)  
}
```

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(156, 109, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.8857, 19.0879, 16.7182 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(156, 109, 108) }
```


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

```
.border{ border-color:rgb(156, 109, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 108);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8857, 19.0879, 16.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 108) }
```

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

```
.background{ background-color: rgb(156,  
109, 108) }
```

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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