

Converting Colors

XYZ(21.8376, 18.4013, 22.9680)

Have a look what the booklet for
XYZ(21.8376, 18.4013, 22.9680)
contains.

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Color

**XYZ(21.8128, 18.4459,
22.8328)**

Conversions

Conversions Part 1

Format	Color
Hex	976A80
RGB	151, 106, 128
RGB Percent	59%, 42%, 50%
CMY	0.4078, 0.5843, 0.4980
CMYK	0.00, 0.30, 0.15, 0.41
HSL	331°, 18%, 50%
HSV	331°, 30%, 59%
XYZ	21.8128, 18.4459, 22.8328
YIQ	121.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

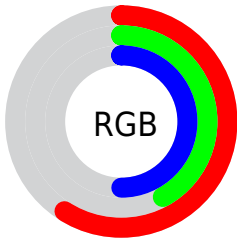
Format	Color
R_{YB}	151, 106, 128
Decimal	9923200
CIE _{Lab}	50.03, 21.50, -4.97
CIE _{LCh}	50, 22.066, 346.977
Yxy	18.4459, 0.3457, 0.2924
Android (android.graphics.Color)	4288113280 (0xFF976A80)
YUV	121.9630, 2.9762, 25.4654
Hunter-Lab	42.9487, 15.4965, -1.4562

Details

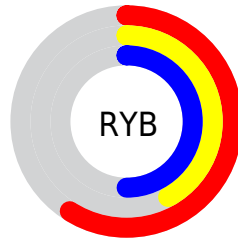
The XYZ color **21.8128, 18.4459, 22.8328** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9737, 26.7828, 24.8343**, and the grayscale version is **18.4731, 19.4352, 21.1649**.

A 20% lighter version of the original color is **46.0209, 40.9117, 49.1872**, and **8.0699, 6.2433, 8.1769** is the 20% darker color. If you saturate the color by 10%, you get **19.9028, 15.4080, 19.7843**, and if you desaturate by 10%, it is **24.0366, 22.0490, 26.1770**.

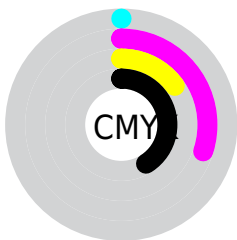
Distribution



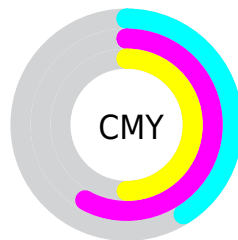
- Red (59%)
- Green (42%)
- Blue (50%)



- Red (59%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (41%)




- Cyan (41%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8128, 18.4459, 22.8328 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 21.8128, 18.4459, 22.8328 by changing the saturation by 10% instead.


 21.8128, 18.4459,
22.8328


 21.8128, 18.4459,
22.8328


254.2179,
243.3725, 279.9591


 13.8352, 11.2706,
14.2660


 45.9176, 40.7957,
49.0383


 8.0871, 6.2491,
8.1650


 62.7755, 56.7389,
67.5141

 4.2030, 2.9972,
4.1114


 83.3242, 76.3736,
90.1300

 1.8176, 1.1303,
1.6867

 107.9292,
100.0842, 117.3044

 0.5282, 0.0036,
0.3516

136.9556,
128.2549, 149.4560

 0.0000, 0.0000,
0.0000

170.7690,

161.2703, 187.0033

209.7346,
199.5147, 230.3648

■ 21.8128, 18.4459,
22.8328

■ 21.8128, 18.4459,
22.8328

■ 19.9028, 15.4080,
19.7843

■ 24.0366, 22.0490,
26.1770

■ 18.2897, 12.9037,
17.0211

■ 26.5866, 26.2416,
29.8245

■ 16.9574, 10.9020,
14.5336

■ 29.4767, 31.0500,
33.7841


■ 15.8878, 9.3680,
12.3112


■ 32.7194, 36.4977,
38.0638


■ 15.0601, 8.2618,
10.3424


■ 36.3265, 42.6074,
42.6713


 14.4504, 7.5370,
8.6142


 40.3094, 49.4004,
47.6140

 14.0010, 7.0800,
7.1023

 44.6787, 56.8971,
52.8991

 13.9925, 7.0713,
7.0737

 49.4448, 65.1171,
58.5333

 54.6177, 74.0792,
64.5235

Harmonies

Analogous

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



20.6856, 18.4459, 29.1528



21.8128, 18.4459, 22.8328



21.7287, 18.4459, 16.8639

Triad

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



21.8128, 18.4459, 22.8328



16.3684, 18.4459, 10.8575



14.8946, 18.4459, 29.8892

Complementary

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



21.8128, 18.4459, 22.8328



20.9737, 26.7828, 24.8343

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.



13.9142, 18.4459, 23.6909



21.8128, 18.4459, 22.8328



14.7169, 18.4459, 13.1236

Square

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



21.8128, 18.4459, 22.8328



18.4673, 18.4459, 10.7198



13.8519, 18.4459, 17.5660



16.6293, 18.4459, 33.7463

Rectangle

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



21.8128, 18.4459, 22.8328



20.9959, 18.4459, 13.8471



13.8519, 18.4459, 17.5660



14.4722, 18.4459, 27.9596

Sweetspot

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



21.8133, 18.4467, 22.8332



47.9155, 47.4957, 53.8342



19.7182, 17.1715, 31.5535



10.7407, 10.5472, 12.0261



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.8133, 18.4467, 22.8332



36.6384, 29.1644, 37.0566



20.5187, 17.9289, 16.0159



6.3283, 6.2705, 7.1090



11.9180, 6.0214, 6.0933



0.1965, 0.0973, 0.1874

Inverse Universe

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



21.8133, 18.4467, 22.8332



36.6384, 29.1644, 37.0566



22.5969, 27.4321, 33.3823



6.3283, 6.2705, 7.1090



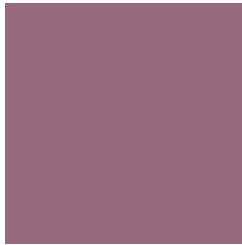
11.9180, 6.0214, 6.0933



0.1965, 0.0973, 0.1874

Previews

White Background



This preview shows how the XYZ color 21.8128, 18.4459, 22.8328 looks on a white background.

Color Contrast Check

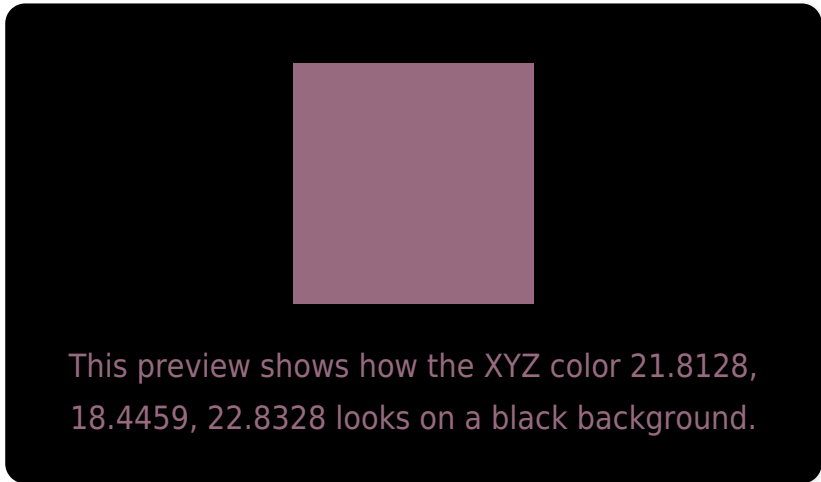
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

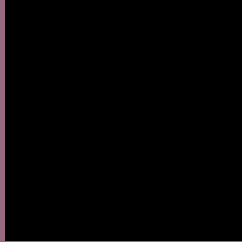
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8128, 18.4459, 22.8328

Background



This preview shows how black text looks on a background with the XYZ color 21.8128, 18.4459, 22.8328.



This preview shows how white text looks on a background with the XYZ color 21.8128, 18.4459,

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

21.8128, 18.4459, 22.8328

Protanopia

18.2585, 18.5163, 25.9042

Deuteranopia

18.9134, 18.5863, 22.3293



Tritanopia

21.0926, 18.4701, 18.9764

Trichromacy



Original Color

21.8128, 18.4459, 22.8328

Protanomaly

19.3042, 18.3952, 24.7235

Deuteranomaly

19.7783, 18.3549, 22.5791

Tritanomaly

21.2255, 18.3555, 20.1936

Monochromacy



Original Color

21.8128, 18.4459, 22.8328

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5563, 18.9326, 21.6924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8128, 18.4459, 22.8328 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(151, 106, 128)` looks like.

```
.text, #text, p{  
    color:rgb(151, 106, 128)  
}
```

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(151, 106, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 106, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.8128, 18.4459, 22.8328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

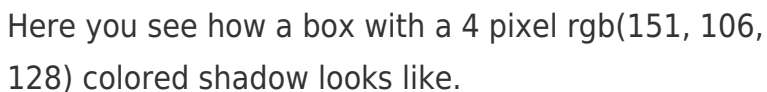
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 106, 128) }
```


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

```
.border{ border-color:rgb(151, 106, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 106, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 106, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 106, 128); box-shadow:4px 4px 4px 4px rgb(151, 106, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8128, 18.4459, 22.8328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 106, 128) }
```

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

```
.background{ background-color: rgb(151,  
106, 128) }
```

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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