

Converting Colors

XYZ(21.2096, 18.2197, 22.3713)

Have a look what the booklet for
XYZ(21.2096, 18.2197, 22.3713)
contains.

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Color

**XYZ(21.1975, 18.1363,
22.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	946A7F
RGB	148, 106, 127
RGB Percent	58%, 42%, 50%
CMY	0.4196, 0.5843, 0.5020
CMYK	0.00, 0.28, 0.14, 0.42
HSL	330°, 17%, 50%
HSV	330°, 28%, 58%
XYZ	21.1975, 18.1363, 22.4621
YIQ	120.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

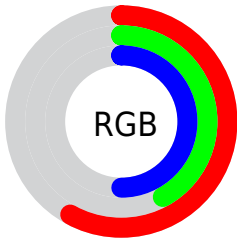
Format	Color
R_{YB}	148, 106, 127
Decimal	9726591
CIE _{Lab}	49.66, 20.19, -4.97
CIE _{LCh}	50, 20.796, 346.183
Yxy	18.1363, 0.3430, 0.2935
Android (android.graphics.Color)	4287916671 (0xFF946A7F)
YUV	120.9520, 2.9817, 23.7211
Hunter-Lab	42.5867, 14.3214, -1.4614

Details

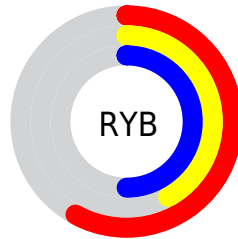
The XYZ color **21.1975, 18.1363, 22.4621** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3652, 25.7767, 23.9819**, and the grayscale version is **18.1455, 19.0904, 20.7895**.

A 20% lighter version of the original color is **45.0937, 40.4455, 48.6101**, and **7.8180, 6.1176, 7.9765** is the 20% darker color. If you saturate the color by 10%, you get **19.3373, 15.1594, 19.5492**, and if you desaturate by 10%, it is **23.3575, 21.6555, 25.6501**.

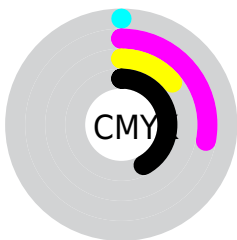
Distribution



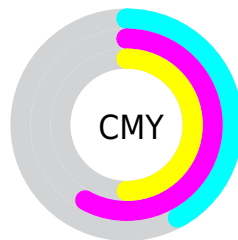
- Red (58%)
- Green (42%)
- Blue (50%)



- Red (58%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (42%)



- Cyan (42%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1975, 18.1363, 22.4621 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 21.1975, 18.1363, 22.4621 by changing the saturation by 10% instead.

■ 21.1975, 18.1363,
22.4621

■ 21.1975, 18.1363,
22.4621

251.0381,
241.6382, 277.9819

■ 13.3817, 11.0479,
13.9953

■ 44.9048, 40.2694,
48.4205

■ 7.7707, 6.0991,
7.9787

■ 61.5270, 56.0830,
66.7492

■ 3.9992, 2.9054,
3.9937

■ 81.8155, 75.5736,
89.2022

■ 1.7017, 1.0825,
1.6219

■ 106.1355, 99.1259,
116.1982

■ 0.4573, 0.0000,
0.3064

134.8524,
127.1240, 148.1556

■ 0.0000, 0.0000,
0.0000

168.3316,

159.9525, 185.4930

206.9384,
197.9958, 228.6289

■ 21.1975, 18.1363,
22.4621

■ 21.1975, 18.1363,
22.4621

■ 19.3373, 15.1594,
19.5492

■ 23.3575, 21.6555,
25.6501

■ 17.7609, 12.6949,
16.9019

■ 25.8289, 25.7399,
29.1202

■ 16.4534, 10.7140,
14.5114

■ 28.6247, 30.4142,
32.8803

■ 15.3978, 9.1838,
12.3681

■ 31.7567, 35.7006,
36.9379

■ 14.5748, 8.0673,
10.4615

■ 35.2360, 41.6205,
41.2999

■ 13.9622, 7.3215,
8.7797

■ 39.0732, 48.1941,
45.9731

■ 13.5156, 6.8588,
7.3036

■ 43.2786, 55.4406,
50.9641

■ 13.4486, 6.7903,
7.0796

■ 47.8619, 63.3786,
56.2792

■ 52.8324, 72.0258,
61.9245

Harmonies

Analogous

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



20.1278, 18.1363, 28.2810



21.1975, 18.1363, 22.4621



21.1509, 18.1363, 16.8670

Triad

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



21.1975, 18.1363, 22.4621



16.2005, 18.1363, 11.0313



14.7387, 18.1363, 28.6865

Complementary

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



21.1975, 18.1363, 22.4621



20.3652, 25.7767, 23.9819

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.



13.8401, 18.1363, 22.9383



21.1975, 18.1363, 22.4621



14.6390, 18.1363, 13.1303

Square

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



21.1975, 18.1363, 22.4621



18.1615, 18.1363, 10.9526



13.8051, 18.1363, 17.2606



16.3463, 18.1363, 32.3122

Rectangle

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



21.1975, 18.1363, 22.4621



20.4906, 18.1363, 13.9942



13.8051, 18.1363, 17.2606



14.3493, 18.1363, 26.8940

Sweetspot

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



21.1980, 18.1371, 22.4625



45.2022, 44.7995, 50.8700



19.2525, 16.9592, 30.2758



10.1792, 9.9952, 11.4197



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.1980, 18.1371, 22.4625



35.2735, 28.5822, 36.3384



19.9689, 17.6455, 15.9902



5.9145, 5.8609, 6.6557



11.5011, 5.8055, 6.1195



0.1556, 0.0770, 0.1531

Inverse Universe

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



21.1980, 18.1371, 22.4625



35.2735, 28.5822, 36.3384



21.8796, 26.3824, 31.9562



5.9145, 5.8609, 6.6557



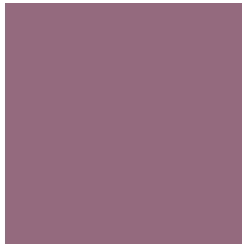
11.5011, 5.8055, 6.1195



0.1556, 0.0770, 0.1531

Previews

White Background



This preview shows how the XYZ color 21.1975, 18.1363, 22.4621 looks on a white background.

Color Contrast Check

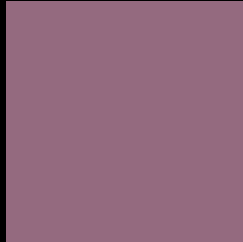
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.1975, 18.1363, 22.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

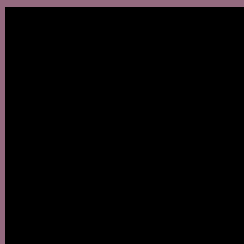
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1975, 18.1363, 22.4621

Background



This preview shows how black text looks on a background with the XYZ color 21.1975, 18.1363, 22.4621.



This preview shows how white text looks on a background with the XYZ color 21.1975, 18.1363,

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

21.1975, 18.1363, 22.4621

Protanopia

17.8668, 18.1568, 25.1172

Deuteranopia

18.5848, 18.2542, 21.9459



Tritanopia

20.5476, 18.1891, 18.9509

Trichromacy



Original Color

21.1975, 18.1363, 22.4621

Protanomaly

18.9039, 18.0381, 23.9581

Deuteranomaly

19.5517, 18.2456, 22.2299

Tritanomaly

20.6805, 18.0745, 20.1680

Monochromacy



Original Color

21.1975, 18.1363, 22.4621

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1806, 18.7461, 21.3463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1975, 18.1363, 22.4621 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(148, 106, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 106, 127)  
}
```

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(148, 106, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 106, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.1975, 18.1363, 22.4621 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(148, 106, 127) }
```


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

```
.border{ border-color:rgb(148, 106, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 106, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 106, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 106, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 106,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1975, 18.1363, 22.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 106, 127) }
```

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

```
.background{ background-color: rgb(148,  
106, 127) }
```

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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