

Converting Colors

XYZ(21.4086, 18.4187, 20.0548)

Have a look what the booklet for
XYZ(21.4086, 18.4187, 20.0548)
contains.

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Color

**XYZ(21.4104, 18.4508,
20.2022)**

Conversions

Conversions Part 1

Format	Color
Hex	976B78
RGB	151, 107, 120
RGB Percent	59%, 42%, 47%
CMY	0.4078, 0.5804, 0.5294
CMYK	0.00, 0.29, 0.21, 0.41
HSL	342°, 17%, 51%
HSV	342°, 29%, 59%
XYZ	21.4104, 18.4508, 20.2022
YIQ	121.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

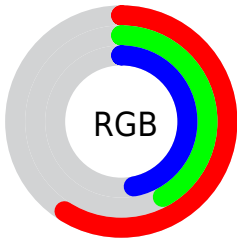
Format	Color
R_{YB}	151, 107, 120
Decimal	9923448
CIE Lab	50.04, 19.58, -0.21
CIE LCh	50, 19.581, 359.380
Yxy	18.4508, 0.3565, 0.3072
Android (android.graphics.Color)	4288113528 (0xFF976B78)
YUV	121.6380, -0.8075, 25.7505
Hunter-Lab	42.9544, 13.8022, 2.1830

Details

The XYZ color **21.4104, 18.4508, 20.2022** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7183, 27.0945, 28.1313**, and the grayscale version is **18.3787, 19.3358, 21.0567**.

A 20% lighter version of the original color is **45.2981, 40.8966, 44.5361**, and **7.8793, 6.2485, 6.9217** is the 20% darker color. If you saturate the color by 10%, you get **19.3612, 15.3289, 16.5085**, and if you desaturate by 10%, it is **23.8073, 22.1529, 24.3662**.

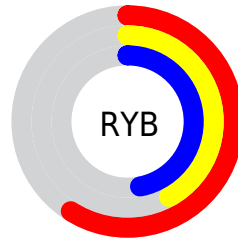
Distribution



Red (59%)

Green (42%)

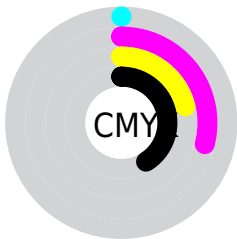
Blue (47%)



Red (59%)

Yellow (42%)

Blue (47%)

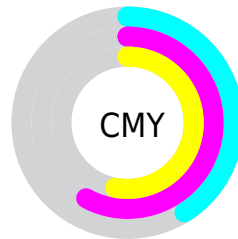


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (41%)



Cyan (41%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4104, 18.4508, 20.2022 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 21.4104, 18.4508, 20.2022 by changing the saturation by 10% instead.


 21.4104, 18.4508,
20.2022

 21.4104, 18.4508,
20.2022


252.1422,
243.3998, 265.6480


 13.5385, 11.2741,
12.3566


 45.2557, 40.8040,
44.6193


 7.8799, 6.2515,
6.8615


 61.9598, 56.7493,
62.0279

 4.0694, 2.9986,
3.2985


 82.3387, 76.3863,
83.4613

 1.7415, 1.1310,
1.2490

 106.7577,
100.0993, 109.3379

 0.4820, 0.0042,
0.0194

135.5822,
128.2728, 140.0764

 0.0000, 0.0000,
0.0000

169.1776,

161.2911, 176.0952

207.9091,
199.5386, 217.8129

■ 21.4104, 18.4508,
20.2022

■ 21.4104, 18.4508,
20.2022

■ 19.3612, 15.3289,
16.5085

■ 23.8073, 22.1529,
24.3662

■ 17.6416, 12.7552,
13.2670

■ 26.5659, 26.4602,
29.0157

■ 16.2340, 10.6984,
10.4598


■ 29.7011, 31.3990,
34.1662


■ 15.1186, 9.1230,
8.0675


■ 33.2268, 36.9937,
39.8325


■ 14.2731, 7.9887,
6.0691

■ 37.1560, 43.2670,
46.0287


 13.6718, 7.2491,
4.4411


 41.5010, 50.2407,
52.7681

 13.2606, 6.8012,
3.1498

 46.2738, 57.9357,
60.0639

 13.2287, 6.7658,
3.0518

 51.4857, 66.3720,
67.9287

 57.1477, 75.5686,
76.3744

Harmonies

Analogous

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



20.8394, 18.4508, 25.8449



21.4104, 18.4508, 20.2022



20.8833, 18.4508, 15.4219

Triad

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



21.4104, 18.4508, 20.2022



15.8207, 18.4508, 12.3440



15.7574, 18.4508, 30.3944

Complementary

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



21.4104, 18.4508, 20.2022



21.7183, 27.0945, 28.1313

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.



14.5686, 18.4508, 25.6157



21.4104, 18.4508, 20.2022



14.6032, 18.4508, 15.2595

Square

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



21.4104, 18.4508, 20.2022



17.5761, 18.4508, 11.4058



14.1613, 18.4508, 19.9778



17.4978, 18.4508, 32.3383

Rectangle

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



21.4104, 18.4508, 20.2022



20.0002, 18.4508, 13.2048



14.1613, 18.4508, 19.9778



15.2847, 18.4508, 29.0286

Sweetspot

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



21.4109, 18.4517, 20.2026



47.5530, 47.3507, 51.9251



21.2925, 18.1370, 31.6570



10.6472, 10.5098, 11.5336



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.



21.4109, 18.4517, 20.2026



35.8664, 29.2599, 31.7447



21.6394, 20.0865, 16.6475



6.2801, 6.2512, 6.8553



11.2652, 5.7603, 2.6555



0.1830, 0.0919, 0.1163

Inverse Universe

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



21.4109, 18.4517, 20.2026



35.8664, 29.2599, 31.7447



21.3528, 24.7664, 32.9334



6.2801, 6.2512, 6.8553



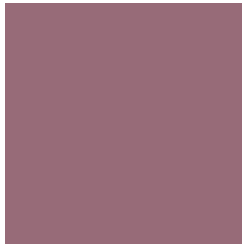
11.2652, 5.7603, 2.6555



0.1830, 0.0919, 0.1163

Previews

White Background



This preview shows how the XYZ color 21.4104, 18.4508, 20.2022 looks on a white background.

Color Contrast Check

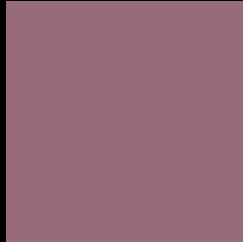
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4104, 18.4508, 20.2022 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 21.4104, 18.4508, 20.2022

Background



This preview shows how black text looks on a background with the XYZ color 21.4104, 18.4508, 20.2022.



This preview shows how white text looks on a background with the XYZ color 21.4104, 18.4508,

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

21.4104, 18.4508, 20.2022

Protanopia

18.0353, 18.6479, 22.7275

Deuteranopia

18.7608, 18.3948, 19.7013



Tritanopia

21.2774, 18.5654, 18.9850

Trichromacy



Original Color

21.4104, 18.4508, 20.2022

Protanomaly

19.1289, 18.5420, 21.6395

Deuteranomaly

19.6052, 18.3235, 19.9563

Tritanomaly

21.3359, 18.5888, 19.2931

Monochromacy



Original Color

21.4104, 18.4508, 20.2022

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.4853, 19.0896, 20.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4104, 18.4508, 20.2022 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, 107, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 107, 120)  
}
```

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, 107, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 107, 120) }
```

Border

The CSS property to change the border of an element to XYZ 21.4104, 18.4508, 20.2022 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, 107, 120) }
```


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

```
.border{ border-color:rgb(151, 107, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 107, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 107, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 107, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 107,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4104, 18.4508, 20.2022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 107, 120) }
```

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

```
.background{ background-color: rgb(151,  
107, 120) }
```

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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