

Converting Colors

XYZ(19.7356, 18.1542, 21.6646)

Have a look what the booklet for
XYZ(19.7356, 18.1542, 21.6646)
contains.

XYZ(19.8038, 18.2274, 21.5432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.8038, 18.2274,
21.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6F7C
RGB	138, 111, 124
RGB Percent	54%, 44%, 49%
CMY	0.4588, 0.5647, 0.5137
CMYK	0.00, 0.20, 0.10, 0.46
HSL	331°, 11%, 49%
HSV	331°, 20%, 54%
XYZ	19.8038, 18.2274, 21.5432
YIQ	120.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

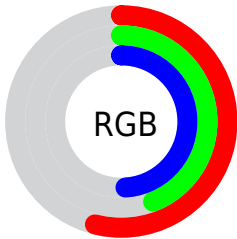
Format	Color
R_{YB}	138, 111, 124
Decimal	9072508
CIE Lab	49.77, 12.92, -3.14
CIE LCh	50, 13.302, 346.330
Yxy	18.2274, 0.3324, 0.3060
Android (android.graphics.Color)	4287262588 (0xFF8A6F7C)
YUV	120.5550, 1.6984, 15.2993
Hunter-Lab	42.6936, 8.0851, -0.0323

Details

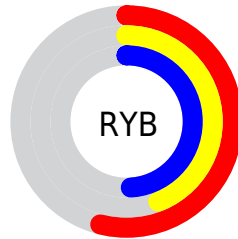
The XYZ color **19.8038, 18.2274, 21.5432** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.3465, 23.0377, 22.8303**, and the grayscale version is **18.0230, 18.9616, 20.6492**.

A 20% lighter version of the original color is **42.6719, 40.5354, 46.6494**, and **7.0720, 6.1377, 7.4686** is the 20% darker color. If you saturate the color by 10%, you get **17.9766, 15.2710, 18.7818**, and if you desaturate by 10%, it is **21.8975, 21.6638, 24.5560**.

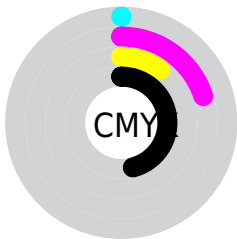
Distribution



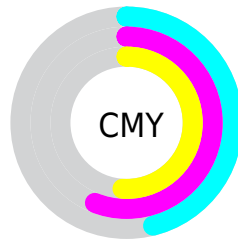
- Red (54%)
- Green (44%)
- Blue (49%)



- Red (54%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (46%)



- Cyan (46%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8038, 18.2274, 21.5432 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 19.8038, 18.2274, 21.5432 by changing the saturation by 10% instead.

■ 19.8038, 18.2274,
21.5432

■ 19.8038, 18.2274,
21.5432

243.7048,
242.1497, 273.0266

■ 12.3599, 11.1134,
13.3265

■ 42.5945, 40.4244,
46.8823

■ 7.0632, 6.1431,
7.5204

■ 58.6720, 56.2762,
64.8418

■ 3.5484, 2.9323,
3.7063

■ 78.3581, 75.8094,
86.8861

■ 1.4499, 1.0965,
1.4656

■ 102.0181, 99.4083,
113.4335

■ 0.2914, 0.0000,
0.1921

130.0174,
127.4574, 144.9028

■ 0.0000, 0.0000,
0.0000

162.7214,

160.3411, 181.7123

200.4955,
198.4437, 224.2808

■ 19.8038, 18.2274,
21.5432

■ 19.8038, 18.2274,
21.5432

■ 17.9766, 15.2710,
18.7818

■ 21.8975, 21.6638,
24.5560

■ 16.4031, 12.7707,
16.2634

■ 24.2669, 25.5980,
27.8258

■ 15.0715, 10.7041,
13.9807

■ 26.9224, 30.0499,
31.3597

■ 13.9687, 9.0457,
11.9258

■ 29.8736, 35.0375,
35.1638

■ 13.0800, 7.7677,
10.0900

■ 33.1296, 40.5779,
39.2443

■ 12.3890, 6.8385,
8.4638

■ 36.6990, 46.6875,
43.6070

■ 11.8768, 6.2215,
7.0368

■ 40.5901, 53.3820,
48.2576

■ 11.4935, 5.8187,
5.7882

■ 44.8110, 60.6765,
53.2016

■ 11.4777, 5.8019,
5.7370

■ 49.3694, 68.5855,
58.4443

Harmonies

Analogous

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



19.1491, 18.2274, 25.0701



19.8038, 18.2274, 21.5432



19.7718, 18.2274, 17.9469

Triad

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



19.8038, 18.2274, 21.5432



16.6479, 18.2274, 13.8705



15.6947, 18.2274, 25.3390

Complementary

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



19.8038, 18.2274, 21.5432



19.3465, 23.0377, 22.8303

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.



15.0882, 18.2274, 21.8757



19.8038, 18.2274, 21.5432



15.6199, 18.2274, 15.4041

Square

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



19.8038, 18.2274, 21.5432



17.9073, 18.2274, 13.8045



15.0615, 18.2274, 18.2414



16.7547, 18.2274, 27.4356

Rectangle

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



19.8038, 18.2274, 21.5432



19.3644, 18.2274, 15.9898



15.0615, 18.2274, 18.2414



15.4333, 18.2274, 24.2783

Sweetspot

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



19.8043, 18.2282, 21.5436



39.9765, 40.4671, 45.2117



18.7228, 17.5610, 26.4479



8.9174, 8.9952, 10.0725



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.8043, 18.2282, 21.5436



33.5878, 29.9838, 36.0095



19.0848, 18.0192, 17.5121



5.1266, 5.0861, 5.7551



10.5306, 5.3224, 5.2985



0.0773, 0.0383, 0.0738

Inverse Universe

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



19.8043, 18.2282, 21.5436



33.5878, 29.9838, 36.0095



20.1677, 23.2631, 27.4724



5.1266, 5.0861, 5.7551



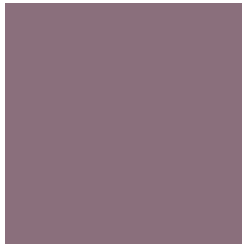
10.5306, 5.3224, 5.2985



0.0773, 0.0383, 0.0738

Previews

White Background



This preview shows how the XYZ color 19.8038, 18.2274, 21.5432 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 19.8038, 18.2274, 21.5432 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 19.8038, 18.2274, 21.5432

Background



This preview shows how black text looks on a background with the XYZ color 19.8038, 18.2274, 21.5432.



This preview shows how white text looks on a background with the XYZ color 19.8038, 18.2274,

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

19.8038, 18.2274, 21.5432

Protanopia

17.8459, 18.3669, 23.0267

Deuteranopia

18.6080, 18.2807, 21.2867



Tritanopia

19.6656, 18.3477, 20.2743

Trichromacy



Original Color

19.8038, 18.2274, 21.5432

Protanomaly

18.4189, 18.1537, 22.6119

Deuteranomaly

19.1082, 18.3702, 21.2776

Tritanomaly

19.7266, 18.3721, 20.5956

Monochromacy



Original Color

19.8038, 18.2274, 21.5432

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6265, 18.6397, 21.0285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8038, 18.2274, 21.5432 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(138, 111, 124)` looks like.

```
.text, #text, p{  
    color:rgb(138, 111, 124)  
}
```

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(138, 111, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 111, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.8038, 18.2274, 21.5432 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(138, 111, 124) }
```


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

```
.border{ border-color:rgb(138, 111, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 111, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 111, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 111, 124);  
box-shadow:4px 4px 4px 4px rgb(138, 111,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8038, 18.2274, 21.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 111, 124) }
```

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

```
.background{ background-color: rgb(138,  
111, 124) }
```

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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