

Converting Colors

XYZ(21.9019, 19.8551, 22.4544)

Have a look what the booklet for
XYZ(21.9019, 19.8551, 22.4544)
contains.

XYZ(21.8158, 19.7440, 22.3998)	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(21.8158, 19.7440,
22.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	93727E
RGB	147, 114, 126
RGB Percent	58%, 45%, 49%
CMY	0.4235, 0.5529, 0.5059
CMYK	0.00, 0.22, 0.14, 0.42
HSL	338°, 13%, 51%
HSV	338°, 22%, 58%
XYZ	21.8158, 19.7440, 22.3998
YIQ	125.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

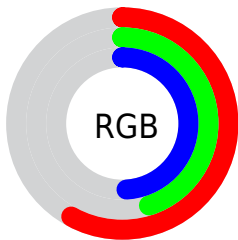
Format	Color
R_{YB}	147, 114, 126
Decimal	9663102
CIE _{Lab}	51.55, 14.99, -1.61
CIE _{LCh}	52, 15.073, 353.882
Y _{xy}	19.7440, 0.3411, 0.3087
Android (android.graphics.Color)	4287853182 (0xFF93727E)
YUV	125.2350, 0.3771, 19.0879
Hunter-Lab	44.4342, 9.8780, 1.2152

Details

The XYZ color **21.8158, 19.7440, 22.3998** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7471, 26.1946, 26.8327**, and the grayscale version is **19.5676, 20.5867, 22.4189**.

A 20% lighter version of the original color is **45.8603, 42.9446, 48.5199**, and **8.1116, 6.9190, 7.9292** is the 20% darker color. If you saturate the color by 10%, you get **19.7134, 16.4604, 18.8587**, and if you desaturate by 10%, it is **24.2423, 23.5849, 26.3280**.

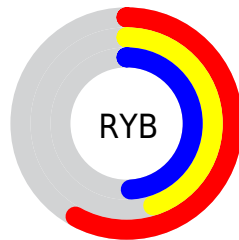
Distribution



Red (58%)

Green (45%)

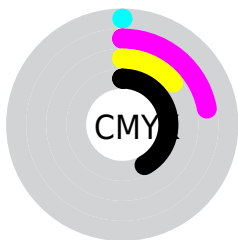
Blue (49%)



Red (58%)

Yellow (45%)

Blue (49%)

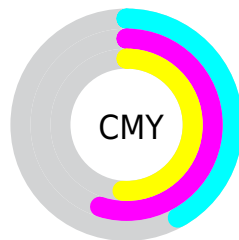


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8158, 19.7440, 22.3998 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 21.8158, 19.7440, 22.3998 by changing the saturation by 10% instead.

■ 21.8158, 19.7440,
22.3998

■ 21.8158, 19.7440,
22.3998

254.2333,
250.5259, 277.6484

■ 13.8375, 12.2091,
13.9498

■ 45.9225, 42.9876,
48.3165

■ 8.0886, 6.8862,
7.9474

■ 62.7815, 59.4650,
66.6204

■ 4.2040, 3.3911,
3.9740

■ 83.3316, 79.6921,
89.0459

■ 1.8182, 1.3391,
1.6111

■ 107.9379,
104.0532, 116.0118

■ 0.5286, 0.1712,
0.2987

136.9659,
132.9327, 147.9364

■ 0.0000, 0.0000,
0.0000

170.7808,

166.7151, 185.2383

209.7482,
205.7847, 228.3361

■ 21.8158, 19.7440,
22.3998

■ 21.8158, 19.7440,
22.3998

■ 19.7134, 16.4604,
18.8587

■ 24.2423, 23.5849,
26.3280

■ 17.9192, 13.7055,
15.6910

■ 27.0045, 28.0049,
30.6537

■ 16.4184, 11.4519,
12.8842


■ 30.1156, 33.0275,
35.3887


■ 15.1941, 9.6690,
10.4244

■ 33.5874, 38.6745,
40.5436


■ 14.2280, 8.3226,
8.2965


■ 37.4314, 44.9664,
46.1288


 13.4991, 7.3737,
6.4845


 41.6583, 51.9227,
52.1544

 12.9828, 6.7765,
4.9702

 46.2786, 59.5624,
58.6298

 12.6856, 6.4643,
4.0015

 51.3021, 67.9032,
65.5645

 56.7386, 76.9627,
72.9675

Harmonies

Analogous

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



21.2203, 19.7440, 26.8030



21.8158, 19.7440, 22.3998



21.5593, 19.7440, 18.2925

Triad

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



21.8158, 19.7440, 22.3998



17.6107, 19.7440, 14.7330



17.1000, 19.7440, 28.9703

Complementary

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



21.8158, 19.7440, 22.3998



21.7471, 26.1946, 26.8327

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.



16.2252, 19.7440, 25.0574



21.8158, 19.7440, 22.3998



16.5088, 19.7440, 16.9434

Square

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



21.8158, 19.7440, 22.3998



19.0784, 19.7440, 14.2205



16.0147, 19.7440, 20.6205



18.4572, 19.7440, 30.9114

Rectangle

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



21.8158, 19.7440, 22.3998



20.9462, 19.7440, 16.2154



16.0147, 19.7440, 20.6205



16.7427, 19.7440, 27.8185

Sweetspot

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



21.8164, 19.7449, 22.4002



45.9610, 46.3026, 51.1674



21.2601, 19.2848, 30.2058



10.4341, 10.4774, 11.5900



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.



21.8164, 19.7449, 22.4002



37.0753, 32.2339, 36.7904



21.5962, 20.4701, 18.7335



5.8828, 5.8482, 6.4887



11.0088, 5.6086, 3.5274



0.1480, 0.0739, 0.1130

Inverse Universe

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



21.8164, 19.7449, 22.4002



37.0753, 32.2339, 36.7904



21.9690, 25.2095, 31.3120



5.8828, 5.8482, 6.4887



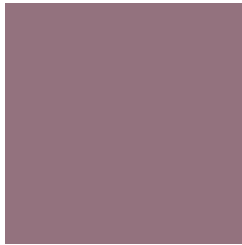
11.0088, 5.6086, 3.5274



0.1480, 0.0739, 0.1130

Previews

White Background



This preview shows how the XYZ color 21.8158, 19.7440, 22.3998 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 21.8158, 19.7440, 22.3998 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 21.8158, 19.7440, 22.3998

Background



This preview shows how black text looks on a background with the XYZ color 21.8158, 19.7440, 22.3998.



This preview shows how white text looks on a background with the XYZ color 21.8158, 19.7440,

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

21.8158, 19.7440, 22.3998

Protanopia

19.2246, 19.7687, 24.2752

Deuteranopia

20.1300, 19.7427, 22.1518



Tritanopia

21.6251, 19.6677, 21.3954

Trichromacy



Original Color

21.8158, 19.7440, 22.3998

Protanomaly

20.0750, 19.6842, 23.5102

Deuteranomaly

20.7104, 19.6922, 22.1115

Tritanomaly

21.6880, 19.6929, 21.7268

Monochromacy



Original Color

21.8158, 19.7440, 22.3998

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2119, 20.1420, 22.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8158, 19.7440, 22.3998 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(147, 114, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 126)  
}
```

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(147, 114, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.8158, 19.7440, 22.3998 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(147, 114, 126) }
```


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

```
.border{ border-color:rgb(147, 114, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8158, 19.7440, 22.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 126) }
```

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

```
.background{ background-color: rgb(147,  
114, 126) }
```

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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