

Converting Colors

XYZ(22.4020, 21.7253, 18.3419)

Have a look what the booklet for
XYZ(22.4020, 21.7253, 18.3419)
contains.

XYZ(22.4020, 21.7253, 18.3419)	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(22.4020, 21.7253,
18.3419)**

Conversions

Conversions Part 1

Format	Color
Hex	957B70
RGB	149, 123, 112
RGB Percent	58%, 48%, 44%
CMY	0.4157, 0.5176, 0.5608
CMYK	0.00, 0.17, 0.25, 0.42
HSL	18°, 15%, 51%
HSV	18°, 25%, 58%
XYZ	22.4020, 21.7253, 18.3419
YIQ	129.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

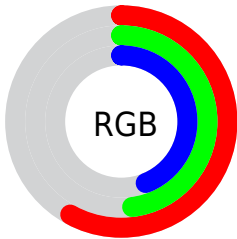
Format	Color
R_{YB}	149, 128, 112
Decimal	9796464
CIE _{Lab}	53.73, 8.27, 9.78
CIE _{LCh}	54, 12.807, 49.752
Yxy	21.7253, 0.3586, 0.3478
Android (android.graphics.Color)	4287986544 (0xFF957B70)
YUV	129.5200, -8.6374, 17.0840
Hunter-Lab	46.6104, 4.2229, 9.2958

Details

The XYZ color **22.4020, 21.7253, 18.3419** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1952, 23.7910, 31.9089**, and the grayscale version is **21.0740, 22.1715, 24.1447**.

A 20% lighter version of the original color is **46.9327, 46.1776, 41.5615**, and **8.4112, 7.8644, 5.9251** is the 20% darker color. If you saturate the color by 10%, you get **20.4102, 18.9612, 13.9181**, and if you desaturate by 10%, it is **24.6712, 24.8241, 23.5361**.

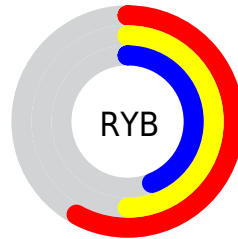
Distribution



Red (58%)

Green (48%)

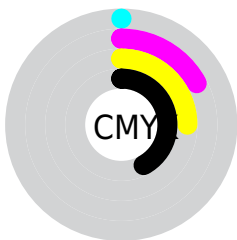
Blue (44%)



Red (58%)

Yellow (50%)

Blue (44%)

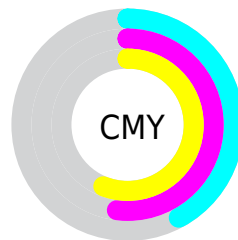


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4020, 21.7253, 18.3419 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 22.4020, 21.7253, 18.3419 by changing the saturation by 10% instead.

■ 22.4020, 21.7253,
18.3419

■ 22.4020, 21.7253,
18.3419

257.2316,
261.1084, 255.0917

■ 14.2708, 13.6552,
11.0238

■ 46.8834, 46.2916,
41.4408

■ 8.3922, 7.8812,
5.9684

■ 63.9644, 63.5565,
58.0587

■ 4.4008, 4.0191,
2.7574

■ 84.7594, 84.6552,
78.6136

■ 1.9313, 1.6842,
0.9721

■ 109.6337,
109.9720, 103.5240

■ 0.5949, 0.4134,
0.0000

138.9528,
139.8913, 133.2084

■ 0.0000, 0.0000,
0.0000

173.0818,

174.7975, 168.0855

212.3863,
215.0751, 208.5738

■ 22.4020, 21.7253,
18.3419

■ 22.4020, 21.7253,
18.3419

■ 20.4102, 18.9612,
13.9181

■ 24.6712, 24.8241,
23.5361

■ 18.6829, 16.5175,
10.2263

■ 27.2265, 28.2655,
29.5337

■ 17.2089, 14.3830,
7.2268

■ 30.0783, 32.0608,
36.3677

■ 15.9753, 12.5449,
4.8758

■ 33.2361, 36.2199,
44.0685

■ 14.9679, 10.9894,
3.1241

■ 36.7088, 40.7522,
52.6653

■ 14.1709, 9.7014,
1.9155

■ 40.5050, 45.6668,
62.1858

■ 13.5653, 8.6638,
1.1784

■ 44.6330, 50.9727,
72.6564

■ 13.3067, 8.2141,
0.8841

■ 49.1006, 56.6782,
84.1025

■ 53.9156, 62.7917,
96.5486

Harmonies

Analogous

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



23.2344, 21.7253, 21.1914



22.4020, 21.7253, 18.3419



21.1224, 21.7253, 16.9690

Triad

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



22.4020, 21.7253, 18.3419



18.1593, 21.7253, 22.3356



21.5541, 21.7253, 31.5068

Complementary

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



22.4020, 21.7253, 18.3419



21.1952, 23.7910, 31.9089

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.



20.1832, 21.7253, 31.9008



22.4020, 21.7253, 18.3419



18.2633, 21.7253, 26.3028

Square

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



22.4020, 21.7253, 18.3419



18.6995, 21.7253, 19.0995



18.9904, 21.7253, 29.9066



22.7301, 21.7253, 28.8831

Rectangle

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



22.4020, 21.7253, 18.3419



20.2054, 21.7253, 16.9598



18.9904, 21.7253, 29.9066



21.0995, 21.7253, 31.9147

Sweetspot

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



22.4026, 21.7263, 18.3423



47.6552, 49.1402, 50.2784



22.8137, 19.8281, 26.8663



10.5085, 10.8196, 11.0183



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.



22.4026, 21.7263, 18.3423



37.9996, 35.9767, 28.1075



24.8416, 26.6044, 19.1554



5.9330, 6.0798, 6.1013



11.2228, 6.9601, 0.7519



0.1606, 0.1317, 0.0169

Inverse Universe

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



21.1952, 23.7910, 31.9089



35.4390, 40.3431, 56.8404



18.8256, 19.0519, 31.1191



5.8200, 6.2739, 7.3740



8.8175, 10.3298, 25.4602



0.1337, 0.1779, 0.3202

Previews

White Background



This preview shows how the XYZ color 22.4020, 21.7253, 18.3419 looks on a white background.

Color Contrast Check

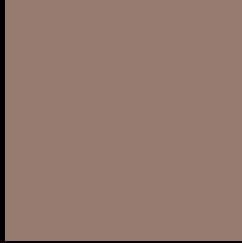
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4020, 21.7253, 18.3419 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 22.4020, 21.7253, 18.3419

Background



This preview shows how black text looks on a background with the XYZ color 22.4020, 21.7253, 18.3419.



This preview shows how white text looks on a background with the XYZ color 22.4020, 21.7253,

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

22.4020, 21.7253, 18.3419

Protanopia

20.6452, 21.7445, 19.3286

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

23.5082, 21.6240, 24.0539

Trichromacy



Original Color

22.4020, 21.7253, 18.3419

Protanomaly

21.1456, 21.6256, 18.9793

Deuteranomaly

22.3450, 21.8811, 18.3750

Tritanomaly

22.9902, 21.5888, 21.6942

Monochromacy



Original Color

22.4020, 21.7253, 18.3419

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4811, 21.9272, 21.8391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4020, 21.7253, 18.3419 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(149, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(149, 123, 112)  
}
```

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(149, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 123, 112) }
```

Border

The CSS property to change the border of an element to XYZ 22.4020, 21.7253, 18.3419 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(149, 123, 112) }
```


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

```
.border{ border-color:rgb(149, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(149, 123,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4020, 21.7253, 18.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 123, 112) }
```

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

```
.background{ background-color: rgb(149,  
123, 112) }
```

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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