

Converting Colors

XYZ(22.1707, 19.2470, 16.1822)

Have a look what the booklet for
XYZ(22.1707, 19.2470, 16.1822)
contains.

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Color

**XYZ(22.1707, 19.2470,
16.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6D6A
RGB	158, 109, 106
RGB Percent	62%, 43%, 42%
CMY	0.3804, 0.5725, 0.5843
CMYK	0.00, 0.31, 0.33, 0.38
HSL	3°, 21%, 52%
HSV	3°, 33%, 62%
XYZ	22.1707, 19.2470, 16.1822
YIQ	123.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

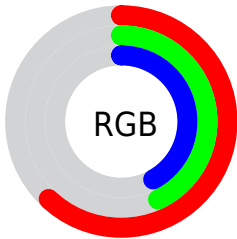
Format	Color
R _Y B	158, 109, 106
Decimal	10382698
CIE Lab	50.97, 19.10, 9.54
CIE LCh	51, 21.350, 26.527
Yxy	19.2470, 0.3849, 0.3341
Android (android.graphics.Color)	4288572778 (0xFF9E6D6A)
YUV	123.3090, -8.5333, 30.4240
Hunter-Lab	43.8714, 13.4312, 8.8406

Details

The XYZ color **22.1707, 19.2470, 16.1822** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.8363, 28.9744, 36.6841**, and the grayscale version is **18.9496, 19.9364, 21.7108**.

A 20% lighter version of the original color is **46.5622, 42.2202, 37.5935**, and **8.2839, 6.6565, 4.9859** is the 20% darker color. If you saturate the color by 10%, you get **19.9677, 16.0369, 11.7608**, and if you desaturate by 10%, it is **24.7952, 23.0575, 21.4914**.

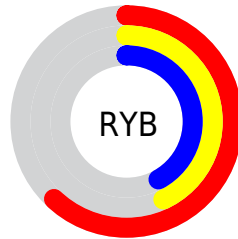
Distribution



Red (62%)

Green (43%)

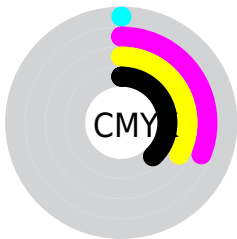
Blue (42%)



Red (62%)

Yellow (43%)

Blue (42%)

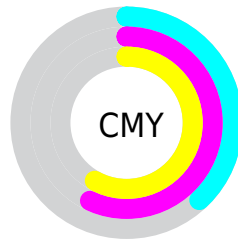


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (38%)



Cyan (38%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1707, 19.2470, 16.1822 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 22.1707, 19.2470, 16.1822 by changing the saturation by 10% instead.

■ 22.1707, 19.2470,
16.1822

■ 22.1707, 19.2470,
16.1822

256.0521,
247.8090, 242.2968

■ 14.0997, 11.8489,
9.4974

■ 46.5047, 42.1511,
37.6854

■ 8.2722, 6.6409,
4.9658

■ 63.4984, 58.4258,
53.3409

■ 4.3229, 3.2385,
2.1688

■ 84.1971, 78.4282,
72.8238

■ 1.8864, 1.2575,
0.6563

■ 108.9661,
102.5426, 96.5525

■ 0.5689, 0.1079,
0.0000

138.1707,
131.1536, 124.9456

■ 0.0000, 0.0000,
0.0000

172.1763,

164.6453, 158.4216

211.3483,
203.4023, 197.3992

■ 22.1707, 19.2470,
16.1822

■ 22.1707, 19.2470,
16.1822

■ 19.9677, 16.0369,
11.7608

■ 24.7952, 23.0575,
21.4914

■ 18.1627, 13.3941,
8.1776

■ 27.8598, 27.4939,
27.7320

■ 16.7324, 11.2862,
5.3802

■ 31.3841, 32.5836,
34.9460


■ 15.6504, 9.6769,
3.3094


■ 35.3860, 38.3515,
43.1726

■ 14.8868, 8.5250,
1.8978

■ 39.8823, 44.8213,
52.4488


 14.4067, 7.7828,
1.0657

 44.8891, 52.0154,
62.8097

 14.1996, 7.4672,
0.6929

 50.4217, 59.9554,
74.2888

 56.4950, 68.6619,
86.9183

 63.1229, 78.1547,
100.7289

Harmonies

Analogous

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



22.6514, 19.2470, 21.6688



22.1707, 19.2470, 16.1822



20.6248, 19.2470, 12.6792

Triad

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



22.1707, 19.2470, 16.1822



15.1127, 19.2470, 15.1772



18.0489, 19.2470, 34.8321

Complementary

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



22.1707, 19.2470, 16.1822



23.8363, 28.9744, 36.6841

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.



16.1452, 19.2470, 32.2248



22.1707, 19.2470, 16.1822



14.5342, 19.2470, 20.2604

Square

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



22.1707, 19.2470, 16.1822



16.5402, 19.2470, 12.1821



14.8973, 19.2470, 26.5886



20.1669, 19.2470, 33.1721

Rectangle

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



22.1707, 19.2470, 16.1822



19.2557, 19.2470, 11.5634



14.8973, 19.2470, 26.5886



17.3643, 19.2470, 34.4148

Sweetspot

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



22.1712, 19.2479, 16.1826



52.2473, 52.3194, 53.7408



25.2047, 19.9574, 33.7105



11.5955, 11.5300, 11.7405



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.1712, 19.2479, 16.1826



37.4413, 30.8452, 23.7175



25.3104, 25.5264, 17.2290



6.6623, 6.7046, 6.9286



11.3826, 6.0009, 0.5583



0.2115, 0.1233, 0.0126

Inverse Universe

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



23.8363, 28.9744, 36.6841



40.9075, 51.1112, 66.4528



20.0186, 21.3391, 35.4115



6.7890, 7.4438, 8.4857



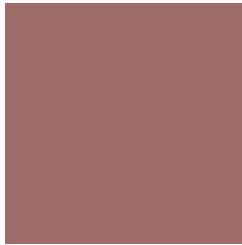
13.5444, 19.1803, 28.8955



0.2511, 0.3607, 0.5196

Previews

White Background



This preview shows how the XYZ color 22.1707, 19.2470, 16.1822 looks on a white background.

Color Contrast Check

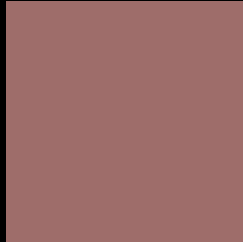
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1707, 19.2470, 16.1822 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 22.1707, 19.2470, 16.1822

Background



This preview shows how black text looks on a background with the XYZ color 22.1707, 19.2470, 16.1822.

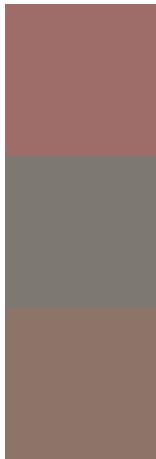


This preview shows how white text looks on a background with the XYZ color 22.1707, 19.2470,

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

22.1707, 19.2470, 16.1822

Protanopia

18.3662, 19.2802, 18.0827

Deuteranopia

19.6752, 19.2975, 15.7845



Tritanopia

22.8130, 19.3570, 19.0569

Trichromacy



Original Color

22.1707, 19.2470, 16.1822

Protanomaly

19.6570, 19.2516, 17.4318

Deuteranomaly

20.5997, 19.2576, 15.9960

Tritanomaly

22.5853, 19.2659, 17.8576

Monochromacy



Original Color

22.1707, 19.2470, 16.1822

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.8427, 19.4755, 19.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1707, 19.2470, 16.1822 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(158, 109, 106)` looks like.

```
.text, #text, p{  
    color:rgb(158, 109, 106)  
}
```

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(158, 109, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 109, 106) }
```

Border

The CSS property to change the border of an element to XYZ 22.1707, 19.2470, 16.1822 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(158, 109, 106) }
```


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

```
.border{ border-color:rgb(158, 109, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 109, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 109, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 109, 106);  
box-shadow:4px 4px 4px 4px rgb(158, 109,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1707, 19.2470, 16.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 109, 106) }
```

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

```
.background{ background-color: rgb(158,  
109, 106) }
```

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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