

Converting Colors

XYZ(22.2218, 19.5233, 19.4268)

Have a look what the booklet for
XYZ(22.2218, 19.5233, 19.4268)
contains.

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Color

**XYZ(22.2218, 19.5233,
19.4268)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6F75
RGB	154, 111, 117
RGB Percent	60%, 44%, 46%
CMY	0.3961, 0.5647, 0.5412
CMYK	0.00, 0.28, 0.24, 0.40
HSL	352°, 18%, 52%
HSV	352°, 28%, 60%
XYZ	22.2218, 19.5233, 19.4268
YIQ	124.5410, 23.7020, 10.9820

Conversions

Conversions Part 2

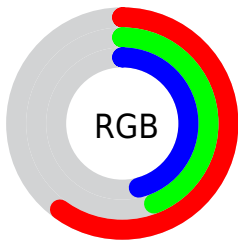
Format	Color
R_{YB}	154, 111, 117
Decimal	10121077
CIE _{Lab}	51.29, 17.96, 3.43
CIE _{LCh}	51, 18.288, 10.814
Yxy	19.5233, 0.3633, 0.3192
Android (android.graphics.Color)	4288311157 (0xFF9A6F75)
YUV	124.5410, -3.7177, 25.8355
Hunter-Lab	44.1852, 12.4479, 4.8617

Details

The XYZ color **22.2218, 19.5233, 19.4268** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4573, 28.6294, 32.3082**, and the grayscale version is **19.3459, 20.3534, 22.1648**.

A 20% lighter version of the original color is **46.5531, 42.6143, 43.3079**, and **8.3312, 6.8095, 6.5055** is the 20% darker color. If you saturate the color by 10%, you get **19.9593, 16.1581, 15.0967**, and if you desaturate by 10%, it is **24.8854, 23.5138, 24.4353**.

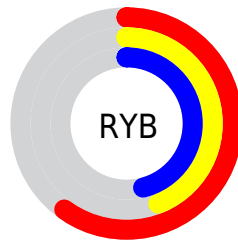
Distribution



Red (60%)

Green (44%)

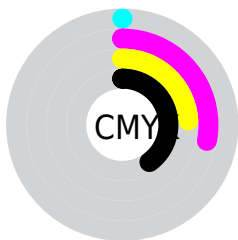
Blue (46%)



Red (60%)

Yellow (44%)

Blue (46%)

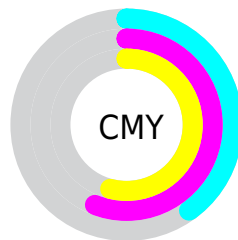


Cyan (0%)

Magenta (28%)

Yellow (24%)

Black (40%)



Cyan (40%)


Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.2218, 19.5233, 19.4268 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 22.2218, 19.5233, 19.4268 by changing the saturation by 10% instead.

 22.2218, 19.5233,
19.4268


 22.2218, 19.5233,
19.4268


256.3130,
249.3226, 261.2957


 14.1375, 12.0490,
11.7992


 46.5884, 42.6165,
43.3003


 8.2987, 6.7771,
6.4862


 63.6015, 59.0042,
60.3833

 4.3401, 3.3231,
3.0694


 84.3215, 79.1318,
81.4551

 1.8963, 1.3026,
1.1302

 109.1137,
103.3838, 106.9343

 0.5747, 0.1432,
0.0000

138.3437,
132.1444, 137.2394

 0.0000, 0.0000,
0.0000

172.3766,

165.7982, 172.7890

211.5780,
204.7295, 214.0016

■ 22.2218, 19.5233,
19.4268

■ 22.2218, 19.5233,
19.4268

■ 19.9593, 16.1581,
15.0967

■ 24.8854, 23.5138,
24.4353

■ 18.0768, 13.3840,
11.4147

■ 27.9667, 28.1564,
30.1484

■ 16.5538, 11.1675,
8.3496

■ 31.4832, 33.4792,
36.5926


■ 15.3670, 9.4707,
5.8674

■ 35.4509, 39.5083,
43.7923


■ 14.4905, 8.2511,
3.9309


■ 39.8852, 46.2681,
51.7712


 13.8944, 7.4592,
2.4982


 44.8005, 53.7821,
60.5515

 13.5286, 7.0066,
1.5164

 50.2107, 62.0726,
70.1548

 13.4664, 6.9260,
1.3601

 56.1293, 71.1609,
80.6020

 62.5690, 81.0676,
91.9128

Harmonies

Analogous

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



22.0726, 19.5233, 24.7351



22.2218, 19.5233, 19.4268



21.3415, 19.5233, 15.3411

Triad

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



22.2218, 19.5233, 19.4268



16.3555, 19.5233, 14.5212



17.4266, 19.5233, 32.2348

Complementary

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



22.2218, 19.5233, 19.4268



23.4573, 28.6294, 32.3082

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.



16.0246, 19.5233, 28.5278



22.2218, 19.5233, 19.4268



15.4348, 19.5233, 18.1222

Square

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



22.2218, 19.5233, 19.4268



17.9055, 19.5233, 12.8337



15.3178, 19.5233, 23.1999



19.2227, 19.5233, 32.7387

Rectangle

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



22.2218, 19.5233, 19.4268



20.3211, 19.5233, 13.6339



15.3178, 19.5233, 23.1999



16.8968, 19.5233, 31.2965

Sweetspot

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



22.2223, 19.5242, 19.4272



50.6595, 50.9306, 54.5014



23.6493, 19.9570, 33.1777



11.2750, 11.2387, 11.9827



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.2223, 19.5242, 19.4272



37.5111, 31.2116, 29.8398



23.6636, 22.9531, 18.2233



6.2422, 6.2360, 6.6553



10.9798, 5.6461, 1.1526



0.1721, 0.0876, 0.0589

Inverse Universe

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



22.2223, 19.5242, 19.4272



37.5111, 31.2116, 29.8398



21.6145, 24.1641, 34.0970



6.2422, 6.2360, 6.6553



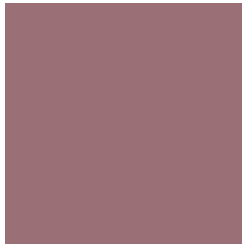
10.9798, 5.6461, 1.1526



0.1721, 0.0876, 0.0589

Previews

White Background



This preview shows how the XYZ color 22.2218, 19.5233, 19.4268 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 22.2218, 19.5233, 19.4268 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 22.2218, 19.5233, 19.4268

Background



This preview shows how black text looks on a background with the XYZ color 22.2218, 19.5233, 19.4268.



This preview shows how white text looks on a background with the XYZ color 22.2218, 19.5233,

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

22.2218, 19.5233, 19.4268

Protanopia

18.8469, 19.6342, 21.5353

Deuteranopia

19.9473, 19.5362, 19.2425



Tritanopia

22.3406, 19.5708, 20.0528

Trichromacy



Original Color

22.2218, 19.5233, 19.4268

Protanomaly

19.9213, 19.4882, 20.8008

Deuteranomaly

20.6108, 19.3621, 19.1739

Tritanomaly

22.2809, 19.5469, 19.7381

Monochromacy



Original Color

22.2218, 19.5233, 19.4268

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3827, 20.0723, 21.2124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2218, 19.5233, 19.4268 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(154, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(154, 111, 117)  
}
```

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(154, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 111, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.2218, 19.5233, 19.4268 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(154, 111, 117) }
```


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

```
.border{ border-color:rgb(154, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(154, 111,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2218, 19.5233, 19.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 111, 117) }
```

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

```
.background{ background-color: rgb(154,  
111, 117) }
```

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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