

Converting Colors

XYZ(22.9924, 25.4168, 19.9550)

Have a look what the booklet for
XYZ(22.9924, 25.4168, 19.9550)
contains.

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Color

**XYZ(22.9538, 25.3972,
19.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8C73
RGB	138, 140, 115
RGB Percent	54%, 55%, 45%
CMY	0.4588, 0.4510, 0.5490
CMYK	0.01, 0.00, 0.18, 0.45
HSL	65°, 10%, 50%
HSV	65°, 18%, 55%
XYZ	22.9538, 25.3972, 19.9120
YIQ	136.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

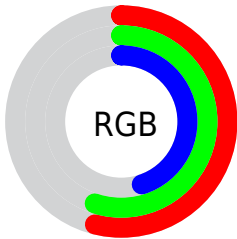
Format	Color
R_{YB}	115, 140, 117
Decimal	9079923
CIE Lab	57.46, -5.27, 13.13
CIE LCh	57, 14.152, 111.866
Yxy	25.3972, 0.3363, 0.3720
Android (android.graphics.Color)	4287270003 (0xFF8A8C73)
YUV	136.5520, -10.6251, 1.2699
Hunter-Lab	50.3956, -6.8906, 11.8507

Details

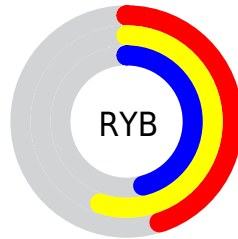
The XYZ color **22.9538, 25.3972, 19.9120** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2014, 17.9375, 27.3152**, and the grayscale version is **23.6464, 24.8778, 27.0920**.

A 20% lighter version of the original color is **48.0051, 52.5801, 44.1780**, and **8.6938, 9.7923, 6.7421** is the 20% darker color. If you saturate the color by 10%, you get **22.0243, 25.0049, 15.9778**, and if you desaturate by 10%, it is **24.0090, 25.8417, 24.4919**.

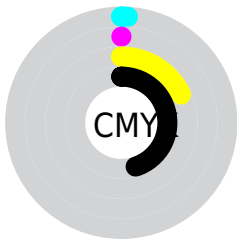
Distribution



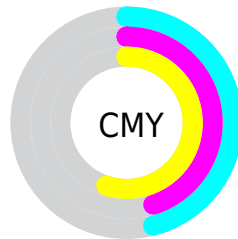
- Red (54%)
- Green (55%)
- Blue (45%)



- Red (45%)
- Yellow (55%)
- Blue (46%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9538, 25.3972, 19.9120 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 22.9538, 25.3972, 19.9120 by changing the saturation by 10% instead.

■ 22.9538, 25.3972,
19.9120

■ 22.9538, 25.3972,
19.9120

260.0274,
279.8103, 264.0268

■ 14.6799, 16.3732,
12.1476

■ 47.7847, 52.3009,
44.1266

■ 8.6799, 9.7886,
6.7206

■ 65.0724, 70.9494,
61.4140

■ 4.5884, 5.2590,
3.2122

■ 86.0954, 93.5748,
82.7128

■ 2.0401, 2.4000,
1.2040

111.2190,
120.5616, 108.4415

■ 0.6563, 0.8259,
0.0000

140.8087,
152.2942, 139.0187

■ 0.0000, 0.0000,
0.0000

175.2297,

189.1569, 174.8630

214.8475,
231.5341, 216.3928

■ 22.9538, 25.3972,
19.9120

■ 22.9538, 25.3972,
19.9120

■ 22.0243, 25.0049,
15.9778

■ 24.0090, 25.8417,
24.4919

■ 21.2129, 24.6592,
12.6586

■ 25.1930, 26.3370,
29.7431

■ 20.5143, 24.3589,
9.9239

■ 26.5113, 26.8864,
35.6916

■ 19.9222, 24.1014,
7.7397

■ 27.9686, 27.4915,
42.3616

■ 19.4294, 23.8839,
6.0686

■ 29.5692, 28.1542,
49.7764

■ 19.0280, 23.7030,
4.8685

■ 31.3173, 28.8761,
57.9578

■ 18.7086, 23.5553,
4.0908

■ 33.2170, 29.6589,
66.9272

■ 18.4525, 23.4330,
3.6366

■ 35.2721, 30.5040,
76.7047

■ 18.3996, 23.4077,
3.5484

■ 37.4863, 31.4131,
87.3100

Harmonies

Analogous

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



24.6001, 25.3972, 19.4547



22.9538, 25.3972, 19.9120



21.6819, 25.3972, 22.3153

Triad

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



22.9538, 25.3972, 19.9120



22.1953, 25.3972, 35.6037



27.4871, 25.3972, 28.9855

Complementary

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



22.9538, 25.3972, 19.9120



18.2014, 17.9375, 27.3152

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.



26.7756, 25.3972, 33.7810



22.9538, 25.3972, 19.9120



23.6842, 25.3972, 37.8816

Square

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



22.9538, 25.3972, 19.9120



21.2584, 25.3972, 31.2511



25.3649, 25.3972, 37.1785



27.2693, 25.3972, 24.3426

Rectangle

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



22.9538, 25.3972, 19.9120



21.1923, 25.3972, 24.8675



25.3649, 25.3972, 37.1785



27.3476, 25.3972, 30.6397

Sweetspot

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



22.9545, 25.3983, 19.9125



42.8783, 45.7889, 45.6067



20.2331, 19.4589, 18.9096



9.8512, 10.5387, 10.3809



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.9545, 25.3983, 19.9125



39.8552, 44.5176, 32.4905



21.0531, 24.4181, 19.8236



5.3922, 5.8249, 5.3925



16.3556, 20.8016, 3.1531



0.1141, 0.1410, 0.0212

Inverse Universe

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



18.2014, 17.9375, 27.3152



30.0400, 29.1099, 47.7785



19.9437, 18.8357, 27.3968



4.8094, 4.9102, 6.3001



4.3391, 1.7510, 22.1550



0.0331, 0.0138, 0.1474

Previews

White Background



This preview shows how the XYZ color 22.9538, 25.3972, 19.9120 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 22.9538, 25.3972, 19.9120 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

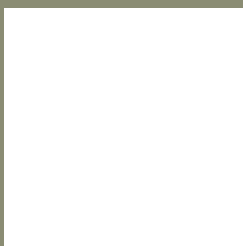
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9538, 25.3972, 19.9120

Background



This preview shows how black text looks on a background with the XYZ color 22.9538, 25.3972, 19.9120.



This preview shows how white text looks on a background with the XYZ color 22.9538, 25.3972,

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

22.9538, 25.3972, 19.9120

Protanopia

23.9798, 25.5029, 19.5783

Deuteranopia

25.8380, 25.4069, 20.0652



Tritanopia

25.1478, 25.4344, 30.7780

Trichromacy



Original Color

22.9538, 25.3972, 19.9120

Protanomaly

23.5976, 25.5198, 19.6017

Deuteranomaly

24.7190, 25.4486, 20.1322

Tritanomaly

24.3033, 25.3033, 26.5248

Monochromacy



Original Color

22.9538, 25.3972, 19.9120

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3675, 25.0803, 24.3783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9538, 25.3972, 19.9120 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, 140, 115)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 115)  
}
```

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, 140, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 115) }
```

Border

The CSS property to change the border of an element to XYZ 22.9538, 25.3972, 19.9120 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, 140, 115) }
```


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

```
.border{ border-color:rgb(138, 140, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 140, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 115);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9538, 25.3972, 19.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 115) }
```

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

```
.background{ background-color: rgb(138,  
140, 115) }
```

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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