

Converting Colors

XYZ(22.4849, 25.3116, 15.2992)

Have a look what the booklet for
XYZ(22.4849, 25.3116, 15.2992)
contains.

XYZ(22.3979, 25.2135, 15.2415)	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(22.3979, 25.2135,
15.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8C62
RGB	140, 140, 98
RGB Percent	55%, 55%, 38%
CMY	0.4510, 0.4510, 0.6157
CMYK	0.00, 0.00, 0.30, 0.45
HSL	60°, 18%, 47%
HSV	60°, 30%, 55%
XYZ	22.3979, 25.2135, 15.2415
YIQ	135.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

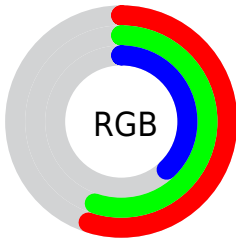
Format	Color
RYB	98, 140, 98
Decimal	9210978
CIELab	57.28, -7.04, 22.50
CIELCh	57, 23.580, 107.370
Yxy	25.2135, 0.3564, 0.4012
Android (android.graphics.Color)	4287401058 (0xFF8C8C62)
YUV	135.2120, -18.3455, 4.1991
Hunter-Lab	50.2130, -8.2516, 17.1524

Details

The XYZ color **22.3979, 25.2135, 15.2415** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1393, 13.2262, 26.6202**, and the grayscale version is **23.1709, 24.3776, 26.5472**.

A 20% lighter version of the original color is **46.7429, 51.7792, 35.9645**, and **8.3735, 9.6752, 4.5581** is the 20% darker color. If you saturate the color by 10%, you get **21.7939, 24.9728, 12.0593**, and if you desaturate by 10%, it is **23.1188, 25.5028, 19.0338**.

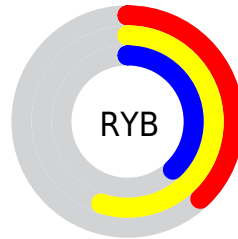
Distribution



Red (55%)

Green (55%)

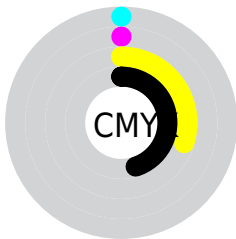
Blue (38%)



Red (38%)

Yellow (55%)

Blue (38%)

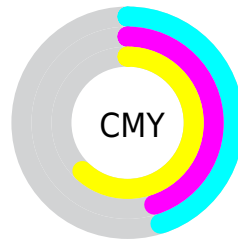


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3979, 25.2135, 15.2415 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 22.3979, 25.2135, 15.2415 by changing the saturation by 10% instead.

■ 22.3979, 25.2135,
15.2415

■ 22.3979, 25.2135,
15.2415

257.2107,
278.8995, 236.5143

■ 14.2678, 16.2362,
8.8405

■ 46.8767, 52.0034,
36.0246

■ 8.3901, 9.6914,
4.5419

■ 63.9562, 70.5847,
51.2438

■ 4.3995, 5.1949,
1.9271

■ 84.7495, 93.1362,
70.2395

■ 1.9305, 2.3620,
0.5099

■ 109.6219,
120.0422, 93.4302

■ 0.5945, 0.8063,
0.0000

138.9389,
151.6872, 121.2345

■ 0.0000, 0.0000,
0.0000

173.0658,

188.4554, 154.0709

212.3680,
230.7314, 192.3580

■ 22.3979, 25.2135,
15.2415

■ 22.3979, 25.2135,
15.2415

■ 21.7939, 24.9728,
12.0593

■ 23.1188, 25.5028,
19.0338

■ 21.2989, 24.7747,
9.4539

■ 23.9604, 25.8394,
23.4641

■ 20.9070, 24.6179,
7.3912


■ 24.9284, 26.2266,
28.5604


■ 20.6109, 24.4995,
5.8330


■ 26.0278, 26.6664,
34.3485


■ 20.4023, 24.4160,
4.7360


■ 27.2632, 27.1606,
40.8531


 20.2718, 24.3638,
4.0497

 28.6391, 27.7110,
48.0974

 20.1923, 24.3319,
3.6323

 30.1597, 28.3193,
56.1037

 31.8291, 28.9871,
64.8933

 33.6511, 29.7159,
74.4868

Harmonies

Analogous

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



25.1574, 25.2135, 15.0204



22.3979, 25.2135, 15.2415



20.2289, 25.2135, 18.3037

Triad

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



22.3979, 25.2135, 15.2415



20.5106, 25.2135, 40.3856



29.5924, 25.2135, 30.9531

Complementary

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



22.3979, 25.2135, 15.2415



14.1393, 13.2262, 26.6202

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.



28.1341, 25.2135, 39.2342



22.3979, 25.2135, 15.2415



22.8102, 25.2135, 45.3488

Square

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



22.3979, 25.2135, 15.2415



19.1988, 25.2135, 32.3022



25.6029, 25.2135, 44.8906



29.4604, 25.2135, 23.1155

Rectangle

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



22.3979, 25.2135, 15.2415



19.3445, 25.2135, 21.9535



25.6029, 25.2135, 44.8906



29.2675, 25.2135, 33.8023

Sweetspot

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



22.3985, 25.2146, 15.2420



42.3707, 45.6054, 42.0503



17.3884, 15.1933, 13.5718



9.7151, 10.4893, 9.4359



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.



22.3985, 25.2146, 15.2420



38.7453, 44.1551, 22.9647



19.1915, 23.5613, 15.0919



5.4310, 5.8449, 5.3943



17.9407, 21.6187, 3.2273



0.1192, 0.1436, 0.0214

Inverse Universe

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



14.1393, 13.2262, 26.6202



21.7626, 19.5042, 46.3606



16.7099, 14.5513, 26.7405



4.7747, 4.8923, 6.2985



4.2062, 1.6825, 22.1487



0.0279, 0.0112, 0.1471

Previews

White Background



This preview shows how the XYZ color 22.3979, 25.2135, 15.2415 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 22.3979, 25.2135, 15.2415 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

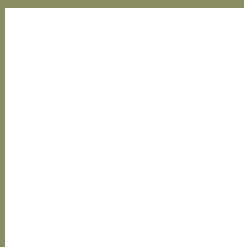
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3979, 25.2135, 15.2415

Background



This preview shows how black text looks on a background with the XYZ color 22.3979, 25.2135, 15.2415.



This preview shows how white text looks on a background with the XYZ color 22.3979, 25.2135,

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

22.3979, 25.2135, 15.2415

Protanopia

23.3161, 25.0503, 14.9156

Deuteranopia

25.6558, 25.2092, 15.5702



Tritanopia

25.4900, 25.2055, 30.3097

Trichromacy



Original Color

22.3979, 25.2135, 15.2415

Protanomaly

22.9232, 25.0598, 14.9381

Deuteranomaly

24.4337, 25.1974, 15.3802

Tritanomaly

24.2020, 25.0961, 23.9905

Monochromacy



Original Color

22.3979, 25.2135, 15.2415

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7750, 24.6148, 21.9631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3979, 25.2135, 15.2415 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(140, 140, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 140, 98)  
}
```

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(140, 140, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 140, 98) }
```

Border

The CSS property to change the border of an element to XYZ 22.3979, 25.2135, 15.2415 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(140, 140, 98) }
```


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

```
.border{ border-color:rgb(140, 140, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 140, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 140, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 140, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 140,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3979, 25.2135, 15.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 140, 98) }
```

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

```
.background{ background-color: rgb(140,  
140, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor