

Converting Colors

XYZ(25.2765, 22.9027, 23.9401)

Have a look what the booklet for
XYZ(25.2765, 22.9027, 23.9401)
contains.

XYZ(25.2201, 22.8750, 23.8549)	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(25.2201, 22.8750,
23.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7A81
RGB	159, 122, 129
RGB Percent	62%, 48%, 51%
CMY	0.3765, 0.5216, 0.4941
CMYK	0.00, 0.23, 0.19, 0.38
HSL	349°, 16%, 55%
HSV	349°, 23%, 62%
XYZ	25.2201, 22.8750, 23.8549
YIQ	133.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

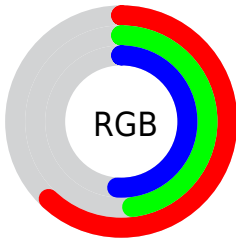
Format	Color
R_{YB}	159, 122, 129
Decimal	10451585
CIE _{Lab}	54.94, 15.51, 1.75
CIE _{LCh}	55, 15.604, 6.428
Yxy	22.8750, 0.3505, 0.3179
Android (android.graphics.Color)	4288641665 (0xFF9F7A81)
YUV	133.8610, -2.3965, 22.0469
Hunter-Lab	47.8278, 10.4262, 3.9076

Details

The XYZ color **25.2201, 22.8750, 23.8549** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0927, 31.2015, 34.3547**, and the grayscale version is **22.6129, 23.7906, 25.9079**.

A 20% lighter version of the original color is **51.5050, 48.3335, 50.8707**, and **9.8939, 8.4701, 8.7028** is the 20% darker color. If you saturate the color by 10%, you get **22.6216, 18.9640, 19.0240**, and if you desaturate by 10%, it is **28.2475, 27.4702, 29.3629**.

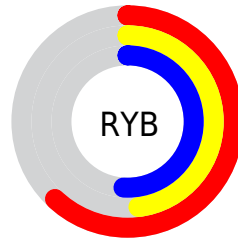
Distribution



Red (62%)

Green (48%)

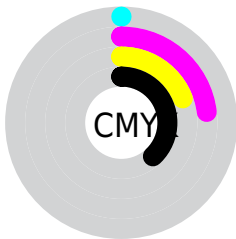
Blue (51%)



Red (62%)

Yellow (48%)

Blue (51%)

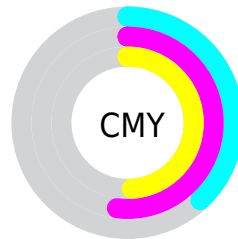


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2201, 22.8750, 23.8549 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 25.2201, 22.8750, 23.8549 by changing the saturation by 10% instead.

■ 25.2201, 22.8750,
23.8549

■ 25.2201, 22.8750,
23.8549

271.2597,
267.0823, 285.3490

■ 16.3707, 14.5012,
15.0148

■ 51.4544, 48.1880,
50.7342

■ 9.8794, 8.4701,
8.6830

■ 69.5700, 65.8960,
69.6104

■ 5.3807, 4.3972,
4.4410

■ 91.5051, 87.4842,
92.6692

■ 2.5094, 1.8981,
1.8703

117.6250,
113.3371, 120.3290

■ 0.9000, 0.5473,
0.4737

148.2950,
143.8389, 153.0083

■ 0.0000, 0.0000,
0.0000

183.8806,

179.3741, 191.1257

224.7471,
220.3271, 235.0997

■ 25.2201, 22.8750,
23.8549

■ 25.2201, 22.8750,
23.8549

■ 22.6216, 18.9640,
19.0240

■ 28.2475, 27.4702,
29.3629

■ 20.4306, 15.7014,
14.8424

■ 31.7200, 32.7770,
35.5714

■ 18.6265, 13.0529,
11.2825

■ 35.6556, 38.8249,
42.5044

■ 17.1864, 10.9799,
8.3142

■ 40.0706, 45.6410,
50.1844

■ 16.0849, 9.4392,
5.9049

■ 44.9804, 53.2509,
58.6329

■ 15.2929, 8.3815,
4.0185

■ 50.3997, 61.6792,
67.8705

■ 14.7766, 7.7484,
2.6145

■ 56.3428, 70.9491,
77.9171

■ 14.5335, 7.4651,
1.9079

■ 62.8233, 81.0834,
88.7918

■ 66.5455, 85.4859,
99.4101

Harmonies

Analogous

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



24.9377, 22.8750, 28.9168



25.2201, 22.8750, 23.8549



24.5316, 22.8750, 19.6644

Triad

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



25.2201, 22.8750, 23.8549



19.8248, 22.8750, 17.9975



20.4379, 22.8750, 34.7055

Complementary

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



25.2201, 22.8750, 23.8549



26.0927, 31.2015, 34.3547

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.



19.1724, 22.8750, 31.0072



25.2201, 22.8750, 23.8549



18.8317, 22.8750, 21.2862

Square

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



25.2201, 22.8750, 23.8549



21.3715, 22.8750, 16.5845



18.5993, 22.8750, 25.9896



22.1168, 22.8750, 35.6311

Rectangle

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



25.2201, 22.8750, 23.8549



23.6350, 22.8750, 17.7789



18.5993, 22.8750, 25.9896



19.9529, 22.8750, 33.7235

Sweetspot

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



25.2207, 22.8760, 23.8554



54.3069, 54.8724, 59.2557



26.0925, 23.0603, 35.8771



12.1665, 12.2533, 13.2217



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.



25.2207, 22.8760, 23.8554



42.6240, 37.1318, 38.0196



26.2130, 25.5795, 21.9694



6.6818, 6.6656, 7.1754



11.4910, 5.9010, 1.5706



0.2178, 0.1104, 0.0929

Inverse Universe

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



25.2207, 22.8760, 23.8554



42.6240, 37.1318, 38.0196



24.8592, 27.7901, 36.8550



6.6818, 6.6656, 7.1754



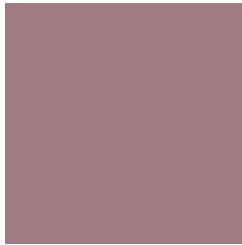
11.4910, 5.9010, 1.5706



0.2178, 0.1104, 0.0929

Previews

White Background



This preview shows how the XYZ color 25.2201, 22.8750, 23.8549 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 25.2201, 22.8750, 23.8549 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 25.2201, 22.8750, 23.8549

Background



This preview shows how black text looks on a background with the XYZ color 25.2201, 22.8750, 23.8549.



This preview shows how white text looks on a background with the XYZ color 25.2201, 22.8750,

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

25.2201, 22.8750, 23.8549

Protanopia

22.0922, 22.9404, 25.8178

Deuteranopia

23.3397, 22.8482, 23.6021



Tritanopia

25.3543, 22.9287, 24.5621

Trichromacy



Original Color

25.2201, 22.8750, 23.8549

Protanomaly

23.0394, 22.8551, 25.0270

Deuteranomaly

23.9924, 22.8051, 23.5594

Tritanomaly

25.2869, 22.9017, 24.2068

Monochromacy



Original Color

25.2201, 22.8750, 23.8549

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4752, 23.4708, 25.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2201, 22.8750, 23.8549 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(159, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(159, 122, 129)  
}
```

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(159, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 122, 129) }
```

Border

The CSS property to change the border of an element to XYZ 25.2201, 22.8750, 23.8549 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(159, 122, 129) }
```


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

```
.border{ border-color:rgb(159, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(159, 122,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2201, 22.8750, 23.8549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 122, 129) }
```

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

```
.background{ background-color: rgb(159,  
122, 129) }
```

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