

Converting Colors

XYZ(25.6241, 22.1015, 25.4941)

Have a look what the booklet for
XYZ(25.6241, 22.1015, 25.4941)
contains.

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Color

**XYZ(25.5647, 22.1252,
25.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	A27586
RGB	162, 117, 134
RGB Percent	64%, 46%, 53%
CMY	0.3647, 0.5412, 0.4745
CMYK	0.00, 0.28, 0.17, 0.36
HSL	337°, 19%, 55%
HSV	337°, 28%, 64%
XYZ	25.5647, 22.1252, 25.4774
YIQ	132.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

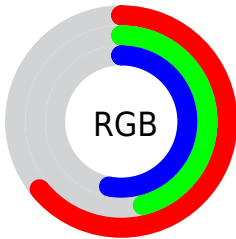
Format	Color
R_{YB}	162, 117, 134
Decimal	10646918
CIE _{Lab}	54.16, 20.34, -2.28
CIE _{LCh}	54, 20.468, 353.610
Yxy	22.1252, 0.3494, 0.3024
Android (android.graphics.Color)	4288836998 (0xFFA27586)
YUV	132.3930, 0.7923, 25.9653
Hunter-Lab	47.0374, 14.6987, 0.8123

Details

The XYZ color **25.5647, 22.1252, 25.4774** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3683, 31.6676, 31.5651**, and the grayscale version is **22.0664, 23.2156, 25.2818**.

A 20% lighter version of the original color is **51.7729, 46.7155, 53.3020**, and **9.9740, 8.0255, 9.4109** is the 20% darker color. If you saturate the color by 10%, you get **23.1681, 18.4040, 21.3735**, and if you desaturate by 10%, it is **28.3562, 26.5286, 30.0442**.

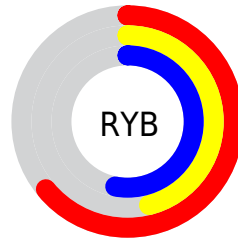
Distribution



Red (64%)

Green (46%)

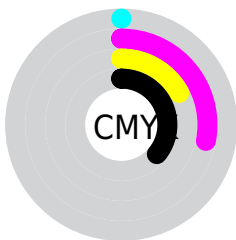
Blue (53%)



Red (64%)

Yellow (46%)

Blue (53%)

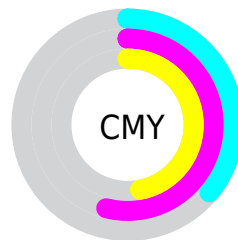


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (36%)



Cyan (36%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5647, 22.1252, 25.4774 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 25.5647, 22.1252, 25.4774 by changing the saturation by 10% instead.

■ 25.5647, 22.1252,
25.4774

■ 25.5647, 22.1252,
25.4774

272.9347,
263.1994, 293.7306

■ 16.6292, 13.9489,
16.2108

■ 52.0082, 46.9528,
53.4043

■ 10.0642, 8.0851,
9.5175

■ 70.2469, 64.3730,
72.9018

■ 5.5041, 4.1495,
4.9788

■ 92.3175, 85.6432,
96.6467

■ 2.5837, 1.7575,
2.1763

118.5852,
111.1479, 125.0574

■ 0.9377, 0.4605,
0.6607

149.4154,
141.2715, 158.5527

■ 0.0000, 0.0000,
0.0000

185.1735,

176.3983, 197.5509

226.2248,
216.9128, 242.4707

■ 25.5647, 22.1252,
25.4774

■ 25.5647, 22.1252,
25.4774

■ 23.1681, 18.4040,
21.3735

■ 28.3562, 26.5286,
30.0442

■ 21.1460, 15.3275,
17.7156

■ 31.5582, 31.6430,
35.0872

■ 19.4785, 12.8593,
14.4879

■ 35.1876, 37.4993,
40.6207


■ 18.1435, 10.9580,
11.6728

■ 39.2599, 44.1259,
46.6581


■ 17.1159, 9.5772,
9.2514


■ 43.7898, 51.5493,
53.2122


 16.3669, 8.6628,
7.2028


 48.7910, 59.7950,
60.2953

 15.8490, 8.1235,
5.4993

 54.2771, 68.8874,
67.9194

 15.7480, 8.0205,
5.1603

 60.2608, 78.8496,
76.0959

 64.2140, 84.6229,
83.9891

Harmonies

Analogous

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



24.6574, 22.1252, 32.0986



25.5647, 22.1252, 25.4774



25.1896, 22.1252, 19.5171

Triad

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



25.5647, 22.1252, 25.4774



19.3651, 22.1252, 14.5327



18.5964, 22.1252, 35.3368

Complementary

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



25.5647, 22.1252, 25.4774



25.3683, 31.6676, 31.5651

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.



17.3544, 22.1252, 29.3279



25.5647, 22.1252, 25.4774



17.7758, 22.1252, 17.5393

Square

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



25.5647, 22.1252, 25.4774



21.5082, 22.1252, 13.8665



17.0648, 22.1252, 22.7550



20.5577, 22.1252, 38.4019

Rectangle

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



25.5647, 22.1252, 25.4774



24.2751, 22.1252, 16.6018



17.0648, 22.1252, 22.7550



18.0866, 22.1252, 33.5483

Sweetspot

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



25.5653, 22.1262, 25.4779



57.0586, 57.0714, 63.3371



24.5168, 21.3294, 37.0076



12.6154, 12.4976, 13.9148



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.5653, 22.1262, 25.4779



43.7801, 36.0674, 41.7919



25.1023, 22.9473, 19.9371



7.1793, 7.1282, 7.9306



12.4261, 6.3265, 4.1685



0.2836, 0.1419, 0.2061

Inverse Universe

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



25.5653, 22.1262, 25.4779



43.7801, 36.0674, 41.7919



25.8732, 30.4207, 38.6909



7.1793, 7.1282, 7.9306



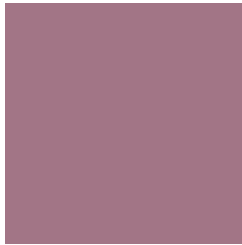
12.4261, 6.3265, 4.1685



0.2836, 0.1419, 0.2061

Previews

White Background



This preview shows how the XYZ color 25.5647, 22.1252, 25.4774 looks on a white background.

Color Contrast Check

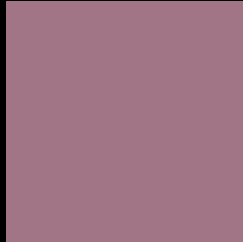
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5647, 22.1252, 25.4774 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 25.5647, 22.1252, 25.4774

Background



This preview shows how black text looks on a background with the XYZ color 25.5647, 22.1252, 25.4774.



This preview shows how white text looks on a background with the XYZ color 25.5647, 22.1252,

25.4774.

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

25.5647, 22.1252, 25.4774

Protanopia

21.7112, 22.2907, 28.3575

Deuteranopia

22.6102, 22.2504, 24.9329



Tritanopia

25.0071, 22.0662, 23.0199

Trichromacy



Original Color

25.5647, 22.1252, 25.4774

Protanomaly

22.9056, 22.1649, 27.1158

Deuteranomaly

23.7110, 22.2489, 25.2351

Tritanomaly

25.2056, 22.1456, 24.0651

Monochromacy



Original Color

25.5647, 22.1252, 25.4774

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1507, 22.7118, 25.3540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5647, 22.1252, 25.4774 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(162, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(162, 117, 134)  
}
```

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(162, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.5647, 22.1252, 25.4774 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(162, 117, 134) }
```


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

```
.border{ border-color:rgb(162, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(162, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5647, 22.1252, 25.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 117, 134) }
```

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

```
.background{ background-color: rgb(162,  
117, 134) }
```

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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