

Converting Colors

XYZ(25.4136, 22.0064, 25.8178)

Have a look what the booklet for
XYZ(25.4136, 22.0064, 25.8178)
contains.

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Color

**XYZ(25.4324, 22.0489,
25.8371)**

Conversions

Conversions Part 1

Format	Color
Hex	A17587
RGB	161, 117, 135
RGB Percent	63%, 46%, 53%
CMY	0.3686, 0.5412, 0.4706
CMYK	0.00, 0.27, 0.16, 0.37
HSL	335°, 19%, 55%
HSV	335°, 27%, 63%
XYZ	25.4324, 22.0489, 25.8371
YIQ	132.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

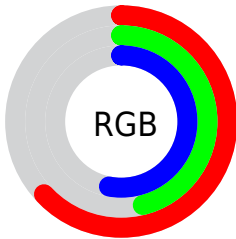
Format	Color
R_{YB}	161, 117, 135
Decimal	10581383
CIE _{Lab}	54.08, 20.13, -2.99
CIE _{LCh}	54, 20.353, 351.539
Yxy	22.0489, 0.3469, 0.3007
Android (android.graphics.Color)	4288771463 (0xFFA17587)
YUV	132.2080, 1.3765, 25.2506
Hunter-Lab	46.9563, 14.5055, 0.2458

Details

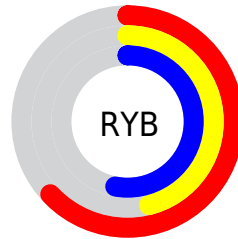
The XYZ color **25.4324, 22.0489, 25.8371** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0398, 31.2554, 30.7012**, and the grayscale version is **21.9977, 23.1433, 25.2031**.

A 20% lighter version of the original color is **51.5840, 46.6057, 53.8540**, and **10.0135, 8.0413, 9.6187** is the 20% darker color. If you saturate the color by 10%, you get **23.0752, 18.3590, 21.8928**, and if you desaturate by 10%, it is **28.1733, 26.4101, 30.2052**.

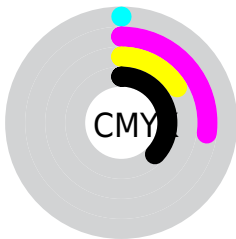
Distribution



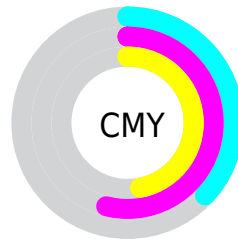
- Red (63%)
- Green (46%)
- Blue (53%)



- Red (63%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (37%)





- Cyan (37%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4324, 22.0489, 25.8371 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 25.4324, 22.0489, 25.8371 by changing the saturation by 10% instead.


 25.4324, 22.0489,
25.8371


 25.4324, 22.0489,
25.8371


272.2926,
262.8015, 295.5615


 16.5299, 13.8928,
16.4771


 51.7957, 46.8268,
53.9929

 9.9931, 8.0462,
9.7044


 69.9872, 64.2174,
73.6258

 5.4566, 4.1245,
5.1004

 92.0059, 85.4550,
97.5201

 2.5551, 1.7435,
2.2465

118.2169,
110.9240, 126.0943

 0.9231, 0.4516,
0.7010

148.9858,
141.0088, 159.7671

 0.0000, 0.0000,
0.0000

184.6778,

176.0937, 198.9568

225.6583,
216.5631, 244.0821

■ 25.4324, 22.0489,
25.8371

■ 25.4324, 22.0489,
25.8371

■ 23.0752, 18.3590,
21.8928

■ 28.1733, 26.4101,
30.2052

■ 21.0819, 15.3036,
18.3573

■ 31.3130, 31.4707,
35.0088

■ 19.4334, 12.8472,
15.2163

■ 34.8678, 37.2611,
40.2607

■ 18.1082, 10.9494,
12.4545

■ 38.8527, 43.8088,
45.9728

■ 17.0822, 9.5647,
10.0549

■ 43.2818, 51.1401,
52.1565

■ 16.3275, 8.6406,
7.9990

■ 48.1686, 59.2798,
58.8229

■ 15.8004, 8.0928,
6.2625

■ 53.5261, 68.2517,
65.9825

■ 15.6772, 7.9688,
5.8441

■ 59.3667, 78.0786,
73.6455

■ 63.4599, 84.2979,
81.0745

Harmonies

Analogous

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



24.4520, 22.0489, 32.3717



25.4324, 22.0489, 25.8371



25.1493, 22.0489, 19.8231

Triad

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



25.4324, 22.0489, 25.8371



19.4397, 22.0489, 14.3984



18.4309, 22.0489, 34.8156

Complementary

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



25.4324, 22.0489, 25.8371



25.0398, 31.2554, 30.7012

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.



17.2582, 22.0489, 28.7429



25.4324, 22.0489, 25.8371



17.8116, 22.0489, 17.2246

Square

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



25.4324, 22.0489, 25.8371



21.5863, 22.0489, 13.8957



17.0398, 22.0489, 22.2664



20.3397, 22.0489, 38.1182

Rectangle

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



25.4324, 22.0489, 25.8371



24.2902, 22.0489, 16.8274



17.0398, 22.0489, 22.2664



17.9432, 22.0489, 32.9850

Sweetspot

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



25.4330, 22.0499, 25.8376



55.5880, 55.5662, 61.9591



24.0652, 21.1068, 36.5241



12.0063, 11.8873, 13.3092



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.



25.4330, 22.0499, 25.8376



42.8131, 35.1936, 41.7402



24.7065, 22.4563, 19.8632



7.1883, 7.1318, 7.9778



12.5401, 6.3721, 4.7689



0.2867, 0.1432, 0.2222

Inverse Universe

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



25.4330, 22.0499, 25.8376



42.8131, 35.1936, 41.7402



25.8833, 30.5826, 38.2573



7.1883, 7.1318, 7.9778



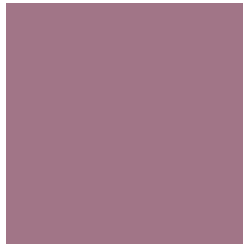
12.5401, 6.3721, 4.7689



0.2867, 0.1432, 0.2222

Previews

White Background



This preview shows how the XYZ color 25.4324, 22.0489, 25.8371 looks on a white background.

Color Contrast Check

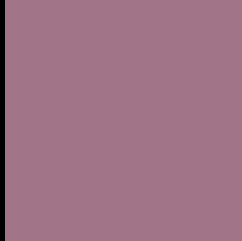
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4324, 22.0489, 25.8371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

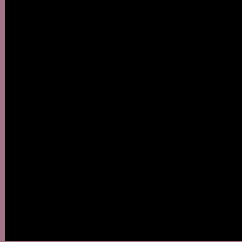
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4324, 22.0489, 25.8371

Background



This preview shows how black text looks on a background with the XYZ color 25.4324, 22.0489, 25.8371.



This preview shows how white text looks on a background with the XYZ color 25.4324, 22.0489,

25.8371.

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

25.4324, 22.0489, 25.8371

Protanopia

21.6348, 22.2427, 28.7442

Deuteranopia

22.5097, 22.1906, 25.2871



Tritanopia

24.8064, 21.9628, 23.0105

Trichromacy



Original Color

25.4324, 22.0489, 25.8371

Protanomaly

22.8090, 22.1068, 27.4910

Deuteranomaly

23.5988, 22.1830, 25.5922

Tritanomaly

25.0049, 22.0422, 24.0558

Monochromacy



Original Color

25.4324, 22.0489, 25.8371

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 25.4324, 22.0489, 25.8371 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(161, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(161, 117, 135)  
}
```

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(161, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 117, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.4324, 22.0489, 25.8371 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(161, 117, 135) }
```


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

```
.border{ border-color:rgb(161, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(161, 117,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4324, 22.0489, 25.8371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 117, 135) }
```

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

```
.background{ background-color: rgb(161,  
117, 135) }
```

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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