

Converting Colors

XYZ(25.5141, 22.3172, 25.2106)

Have a look what the booklet for
XYZ(25.5141, 22.3172, 25.2106)
contains.

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Color

**XYZ(25.4100, 22.2274,
25.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	A17685
RGB	161, 118, 133
RGB Percent	63%, 46%, 52%
CMY	0.3686, 0.5372, 0.4784
CMYK	0.00, 0.27, 0.17, 0.37
HSL	339°, 19%, 55%
HSV	339°, 27%, 63%
XYZ	25.4100, 22.2274, 25.1414
YIQ	132.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

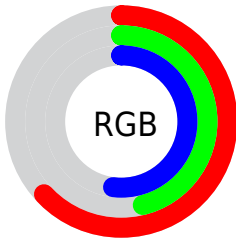
Format	Color
R_{YB}	161, 118, 133
Decimal	10581637
CIE _{Lab}	54.27, 19.22, -1.55
CIE _{LCh}	54, 19.286, 355.397
Yxy	22.2274, 0.3491, 0.3054
Android (android.graphics.Color)	4288771717 (0xFFA17685)
YUV	132.5670, 0.2135, 24.9357
Hunter-Lab	47.1459, 13.6998, 1.3847

Details

The XYZ color **25.4100, 22.2274, 25.1414** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.4053, 31.4171, 31.9207**, and the grayscale version is **22.1316, 23.2841, 25.3564**.

A 20% lighter version of the original color is **51.5566, 46.8936, 52.7884**, and **10.0350, 8.1475, 9.4312** is the 20% darker color. If you saturate the color by 10%, you get **22.9849, 18.4790, 20.9359**, and if you desaturate by 10%, it is **28.2323, 26.6540, 29.8365**.

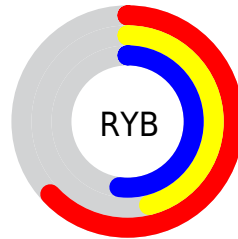
Distribution



Red (63%)

Green (46%)

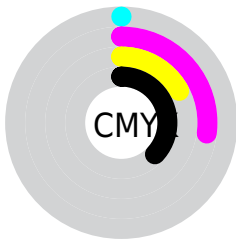
Blue (52%)



Red (63%)

Yellow (46%)

Blue (52%)

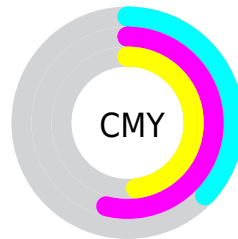


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (37%)



Cyan (37%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4100, 22.2274, 25.1414 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 25.4100, 22.2274, 25.1414 by changing the saturation by 10% instead.


 25.4100, 22.2274,
25.1414


 25.4100, 22.2274,
25.1414


272.1838,
263.7315, 292.0116


 16.5131, 14.0241,
15.9625


 51.7597, 47.1216,
52.8535

 9.9811, 8.1374,
9.3435


 69.9433, 64.5812,
72.2237

 5.4486, 4.1830,
4.8661


 91.9531, 85.8950,
95.8281

 2.5502, 1.7765,
2.1115

118.1545,
111.4475, 124.0852

 0.9207, 0.4724,
0.6226

148.9130,
141.6230, 157.4136

 0.0000, 0.0000,
0.0000

184.5938,

176.8059, 196.2317

225.5623,
217.3806, 240.9582

■ 25.4100, 22.2274,
25.1414

■ 25.4100, 22.2274,
25.1414

■ 22.9849, 18.4790,
20.9359

■ 28.2323, 26.6540,
29.8365

■ 20.9366, 15.3720,
17.2022

■ 31.4672, 31.7871,
35.0357

■ 19.2456, 12.8708,
13.9230

■ 35.1315, 37.6571,
40.7543

■ 17.8899, 10.9351,
11.0796

■ 39.2407, 44.2916,
47.0068

■ 16.8448, 9.5196,
8.6516

■ 43.8093, 51.7169,
53.8069

■ 16.0821, 8.5718,
6.6169

■ 48.8511, 59.9580,
61.1678

■ 15.5609, 8.0144,
4.9479

■ 54.3795, 69.0389,
69.1023

■ 15.4156, 7.8642,
4.4668

■ 60.4073, 78.9824,
77.6228

■ 64.3730, 84.6631,
85.8833

Harmonies

Analogous

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



24.6255, 22.2274, 31.3770



25.4100, 22.2274, 25.1414



24.9860, 22.2274, 19.5755

Triad

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



25.4100, 22.2274, 25.1414



19.4424, 22.2274, 15.1902



18.9165, 22.2274, 35.0165

Complementary

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



25.4100, 22.2274, 25.1414



25.4053, 31.4171, 31.9207

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.



17.6864, 22.2274, 29.5051



25.4100, 22.2274, 25.1414



17.9757, 22.2274, 18.2135

Square

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



25.4100, 22.2274, 25.1414



21.4520, 22.2274, 14.4123



17.3536, 22.2274, 23.2860



20.8042, 22.2274, 37.6477

Rectangle

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



25.4100, 22.2274, 25.1414



24.0890, 22.2274, 16.8701



17.3536, 22.2274, 23.2860



18.4174, 22.2274, 33.3991

Sweetspot

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



25.4106, 22.2284, 25.1419



55.4711, 55.5195, 61.3438



24.7574, 21.6376, 36.5900



11.9766, 11.8754, 13.1524



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.



25.4106, 22.2284, 25.1419



42.8634, 35.7077, 40.4822



25.2329, 23.4145, 20.3303



7.1710, 7.1249, 7.8870



12.3297, 6.2879, 3.6609



0.2808, 0.1408, 0.1912

Inverse Universe

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



25.4106, 22.2284, 25.1419



42.8634, 35.7077, 40.4822



25.5516, 29.7185, 38.1079



7.1710, 7.1249, 7.8870



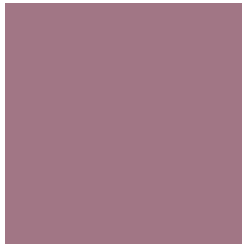
12.3297, 6.2879, 3.6609



0.2808, 0.1408, 0.1912

Previews

White Background



This preview shows how the XYZ color 25.4100, 22.2274, 25.1414 looks on a white background.

Color Contrast Check

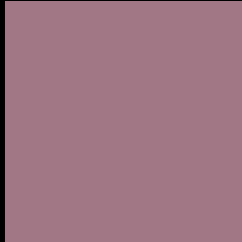
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4100, 22.2274, 25.1414 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 25.4100, 22.2274, 25.1414

Background



This preview shows how black text looks on a background with the XYZ color 25.4100, 22.2274, 25.1414.



This preview shows how white text looks on a background with the XYZ color 25.4100, 22.2274,

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

25.4100, 22.2274, 25.1414

Protanopia

21.7898, 22.3398, 27.9745

Deuteranopia

22.7810, 22.3384, 24.9409



Tritanopia

24.9903, 22.2257, 23.3949

Trichromacy



Original Color

25.4100, 22.2274, 25.1414

Protanomaly

22.8335, 22.1361, 26.7361

Deuteranomaly

23.6422, 22.2214, 24.8729

Tritanomaly

25.1233, 22.2789, 24.0952

Monochromacy



Original Color

25.4100, 22.2274, 25.1414

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2805, 22.9714, 25.3972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4100, 22.2274, 25.1414 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, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(161, 118, 133)  
}
```

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, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 118, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.4100, 22.2274, 25.1414 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, 118, 133) }
```


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

```
.border{ border-color:rgb(161, 118, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 118, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 118, 133);  
box-shadow:4px 4px 4px 4px rgb(161, 118,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4100, 22.2274, 25.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 118, 133) }
```

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

```
.background{ background-color: rgb(161,  
118, 133) }
```

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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