

Converting Colors

XYZ(25.7691, 25.6058, 22.2852)

Have a look what the booklet for
XYZ(25.7691, 25.6058, 22.2852)
contains.

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Color

**XYZ(25.8105, 25.5482,
22.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	9C867B
RGB	156, 134, 123
RGB Percent	61%, 53%, 48%
CMY	0.3882, 0.4745, 0.5176
CMYK	0.00, 0.14, 0.21, 0.39
HSL	20°, 14%, 55%
HSV	20°, 21%, 61%
XYZ	25.8105, 25.5482, 22.3098
YIQ	139.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

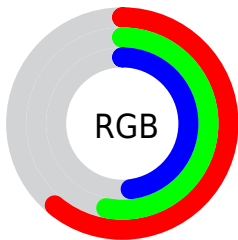
Format	Color
R_{YB}	156, 140, 123
Decimal	10258043
CIE Lab	57.61, 6.52, 9.00
CIE LCh	58, 11.112, 54.081
Yxy	25.5482, 0.3504, 0.3468
Android (android.graphics.Color)	4288448123 (0xFF9C867B)
YUV	139.3240, -8.0477, 14.6249
Hunter-Lab	50.5452, 2.6954, 9.2121

Details

The XYZ color **25.8105, 25.5482, 22.3098** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2942, 26.8611, 35.3568**, and the grayscale version is **24.6916, 25.9775, 28.2895**.

A 20% lighter version of the original color is **52.3722, 52.4847, 47.9277**, and **10.1153, 9.7781, 7.8328** is the 20% darker color. If you saturate the color by 10%, you get **23.5436, 22.4546, 17.1141**, and if you desaturate by 10%, it is **28.3757, 28.9890, 28.3734**.

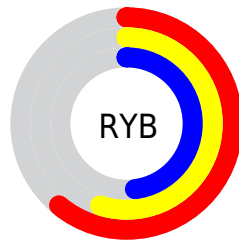
Distribution



Red (61%)

Green (53%)

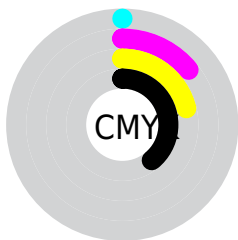
Blue (48%)



Red (61%)

Yellow (55%)

Blue (48%)

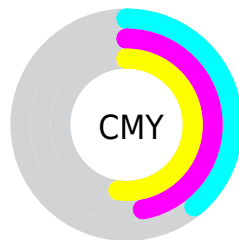


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (39%)



Cyan (39%)


Magenta (47%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8105, 25.5482, 22.3098 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 25.8105, 25.5482, 22.3098 by changing the saturation by 10% instead.


 25.8105, 25.5482,
22.3098


 25.8105, 25.5482,
22.3098


274.1244,
280.5571, 277.1660


 16.8139, 16.4860,
13.8842


 52.4026, 52.5452,
48.1662

 10.1963, 9.8687,
7.9024


 70.7287, 71.2487,
66.4342

 5.5926, 5.3120,
3.9457

 92.8954, 93.9348,
88.8200

 2.6373, 2.4314,
1.5956

119.2680,
120.9878, 115.7422

 0.9650, 0.8420,
0.2877

150.2118,
152.7921, 147.6194

 0.0000, 0.0000,
0.0000

186.0922,

189.7322, 184.8700

227.2747,
232.1924, 227.9127

■ 25.8105, 25.5482,
22.3098

■ 25.8105, 25.5482,
22.3098

■ 23.5436, 22.4546,
17.1141

■ 28.3757, 28.9890,
28.3734

■ 21.5617, 19.6938,
12.7445

■ 31.2480, 32.7842,
35.3407

■ 19.8531, 17.2551,
9.1584

■ 34.4383, 36.9448,
43.2475

■ 18.4047, 15.1262,
6.3084

■ 37.9562, 41.4807,
52.1273

■ 17.2022, 13.2939,
4.1420

■ 41.8111, 46.4011,
62.0116

■ 16.2296, 11.7436,
2.5999

■ 46.0118, 51.7148,
72.9307

■ 15.4685, 10.4597,
1.6121

■ 50.5669, 57.4307,
84.9138

■ 14.9390, 9.5254,
1.0512

■ 55.4848, 63.5570,
97.9885

■ 59.3908, 69.5489,
104.9018

Harmonies

Analogous

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



26.6874, 25.5482, 24.9414



25.8105, 25.5482, 22.3098



24.5468, 25.5482, 21.1642

Triad

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



25.8105, 25.5482, 22.3098



21.8324, 25.5482, 27.0709



25.3388, 25.5482, 35.0362

Complementary

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



25.8105, 25.5482, 22.3098



24.2942, 26.8611, 35.3568

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.



24.0206, 25.5482, 35.7370



25.8105, 25.5482, 22.3098



22.0272, 25.5482, 30.9069

Square

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



25.8105, 25.5482, 22.3098



22.2746, 25.5482, 23.7475



22.8166, 25.5482, 34.1647



26.4082, 25.5482, 32.3281

Rectangle

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



25.8105, 25.5482, 22.3098



23.6673, 25.5482, 21.3151



22.8166, 25.5482, 34.1647



24.9088, 25.5482, 35.5240

Sweetspot

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



25.8112, 25.5494, 22.3103



54.0938, 56.0408, 57.6958



25.9042, 23.2784, 29.9161



11.8357, 12.2424, 12.5324



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8112, 25.5494, 22.3103



45.0274, 43.8888, 36.2352



28.2718, 30.4707, 23.1306



6.8048, 6.9896, 6.9761



12.3344, 7.9044, 0.8756



0.2573, 0.2148, 0.0279

Inverse Universe

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



24.2942, 26.8611, 35.3568



41.8051, 46.6703, 63.9316



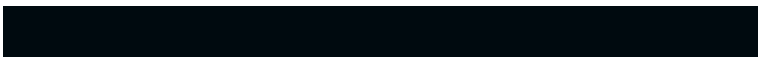
21.9539, 22.1806, 34.5767



6.6354, 7.1365, 8.4344



9.0516, 10.1948, 27.3980



0.1991, 0.2567, 0.5023

Previews

White Background



This preview shows how the XYZ color 25.8105, 25.5482, 22.3098 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 25.8105, 25.5482, 22.3098 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 25.8105, 25.5482, 22.3098

Background



This preview shows how black text looks on a background with the XYZ color 25.8105, 25.5482, 22.3098.



This preview shows how white text looks on a background with the XYZ color 25.8105, 25.5482,

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

25.8105, 25.5482, 22.3098

Protanopia

24.2917, 25.5869, 23.0605

Deuteranopia

25.8673, 25.3732, 22.2731



Tritanopia

27.0246, 25.4248, 28.6824

Trichromacy



Original Color

25.8105, 25.5482, 22.3098

Protanomaly

24.7965, 25.6425, 22.7114

Deuteranomaly

25.8673, 25.3732, 22.2731

Tritanomaly

26.4590, 25.3919, 26.0608

Monochromacy



Original Color

25.8105, 25.5482, 22.3098

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8564, 25.6045, 25.8224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8105, 25.5482, 22.3098 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(156, 134, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 134, 123)  
}
```

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(156, 134, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 134, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.8105, 25.5482, 22.3098 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(156, 134, 123) }
```


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

```
.border{ border-color:rgb(156, 134, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 134, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 134, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 134, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 134,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8105, 25.5482, 22.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 134, 123) }
```

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

```
.background{ background-color: rgb(156,  
134, 123) }
```

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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