

Converting Colors

XYZ(25.5954, 23.5312, 17.2583)

Have a look what the booklet for
XYZ(25.5954, 23.5312, 17.2583)
contains.

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Color

**XYZ(25.6403, 23.6050,
17.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	A67C6C
RGB	166, 124, 108
RGB Percent	65%, 49%, 42%
CMY	0.3490, 0.5137, 0.5765
CMYK	0.00, 0.25, 0.35, 0.35
HSL	17°, 25%, 54%
HSV	17°, 35%, 65%
XYZ	25.6403, 23.6050, 17.3922
YIQ	134.7340, 30.1680, 3.9280

Conversions

Conversions Part 2

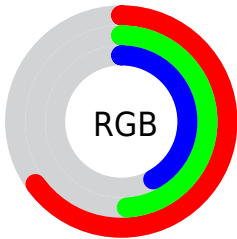
Format	Color
RYB	166, 130, 108
Decimal	10910828
CIELab	55.69, 14.06, 15.09
CIElCh	56, 20.625, 47.015
Yxy	23.6050, 0.3848, 0.3542
Android (android.graphics.Color)	4289100908 (0xFFA67C6C)
YUV	134.7340, -13.1799, 27.4203
Hunter-Lab	48.5850, 9.1781, 12.7852

Details

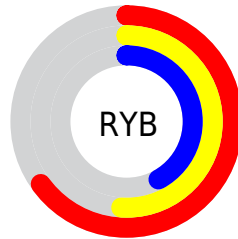
The XYZ color **25.6403, 23.6050, 17.3922** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9732, 27.7530, 40.1697**, and the grayscale version is **22.9705, 24.1668, 26.3176**.

A 20% lighter version of the original color is **52.1043, 49.4771, 39.6047**, and **10.1684, 8.8798, 5.5929** is the 20% darker color. If you saturate the color by 10%, you get **23.4240, 20.4542, 12.7020**, and if you desaturate by 10%, it is **28.2097, 27.1926, 23.0306**.

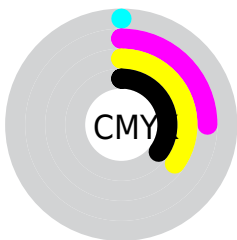
Distribution



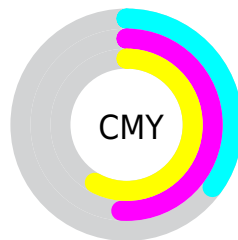
- Red (65%)
- Green (49%)
- Blue (42%)



- Red (65%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (35%)




- Cyan (35%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6403, 23.6050, 17.3922 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 25.6403, 23.6050, 17.3922 by changing the saturation by 10% instead.


 25.6403, 23.6050,
17.3922


 25.6403, 23.6050,
17.3922


273.3010,
270.8174, 249.5425


 16.6860, 15.0409,
10.3496

 52.1295, 49.3848,
39.7987


 10.1048, 8.8481,
5.5227


 70.3952, 67.3693,
55.9998

 5.5313, 4.6422,
2.4931

 92.4953, 89.2628,
76.0907

 2.6002, 2.0389,
0.8365

 118.7954,
115.4495, 100.4900

 0.9460, 0.6299,
0.0000

149.6606,
146.3139, 129.6163

 0.0000, 0.0000,
0.0000

185.4564,

182.2404, 163.8881

226.5481,
223.6135, 203.7240

■ 25.6403, 23.6050,
17.3922

■ 25.6403, 23.6050,
17.3922

■ 23.4240, 20.4542,
12.7020

■ 28.2097, 27.1926,
23.0306

■ 21.5429, 17.7199,
8.9058

■ 31.1453, 31.2296,
29.6642

■ 19.9800, 15.3850,
5.9464


■ 34.4621, 35.7324,
37.3387


■ 18.7160, 13.4300,
3.7590


■ 38.1734, 40.7153,
46.0966


■ 17.7295, 11.8334,
2.2694


■ 42.2918, 46.1923,
55.9778


 16.9948, 10.5712,
1.3860

 46.8296, 52.1765,
67.0204

 16.6952, 10.0456,
1.0591

 51.7982, 58.6808,
79.2605

 57.2090, 65.7173,
92.7329

 62.6836, 73.1424,
105.4219

Harmonies

Analogous

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



27.0116, 23.6050, 22.1179



25.6403, 23.6050, 17.3922



23.4605, 23.6050, 15.0929

Triad

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



25.6403, 23.6050, 17.3922



18.3369, 23.6050, 22.9179



23.7762, 23.6050, 40.0719

Complementary

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



25.6403, 23.6050, 17.3922



23.9732, 27.7530, 40.1697

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.



21.4415, 23.6050, 40.3875



25.6403, 23.6050, 17.3922



18.4084, 23.6050, 29.6534

Square

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



25.6403, 23.6050, 17.3922



19.3074, 23.6050, 17.8899



19.5102, 23.6050, 36.3091



25.8852, 23.6050, 35.5097

Rectangle

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



25.6403, 23.6050, 17.3922



21.8917, 23.6050, 14.9303



19.5102, 23.6050, 36.3091



22.9889, 23.6050, 40.7029

Sweetspot

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



25.6409, 23.6061, 17.3927



59.2994, 60.4562, 60.2180



26.6367, 21.0516, 31.7394



13.0899, 13.2841, 13.0596



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.6409, 23.6061, 17.3927



43.3284, 38.2922, 24.7499



29.7369, 31.7981, 18.7580



7.6933, 7.8667, 7.9022



12.9810, 7.8593, 0.8328



0.3578, 0.2751, 0.0343

Inverse Universe

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



23.9732, 27.7530, 40.1697



39.8229, 46.9483, 72.4383



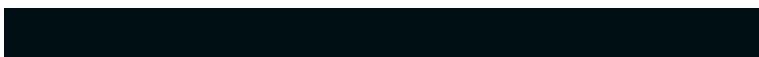
19.9699, 19.7463, 38.8353



7.5699, 8.1768, 9.5976



10.6046, 12.6693, 29.8620



0.2975, 0.3872, 0.7397

Previews

White Background



This preview shows how the XYZ color 25.6403, 23.6050, 17.3922 looks on a white background.

Color Contrast Check

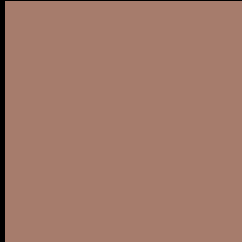
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6403, 23.6050, 17.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

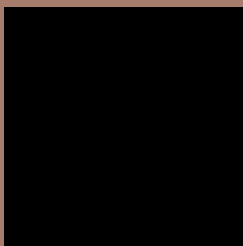
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6403, 23.6050, 17.3922

Background



This preview shows how black text looks on a background with the XYZ color 25.6403, 23.6050, 17.3922.



This preview shows how white text looks on a background with the XYZ color 25.6403, 23.6050,

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

25.6403, 23.6050, 17.3922

Protanopia

22.3527, 23.6300, 19.0057

Deuteranopia

24.0833, 23.5678, 17.1896



Tritanopia

27.0151, 23.6113, 24.2527

Trichromacy



Original Color

25.6403, 23.6050, 17.3922

Protanomaly

23.4296, 23.5970, 18.3587

Deuteranomaly

24.7404, 23.7139, 17.1832

Tritanomaly

26.4087, 23.5397, 21.5641

Monochromacy



Original Color

25.6403, 23.6050, 17.3922

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.6720, 23.8243, 22.7529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6403, 23.6050, 17.3922 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(166, 124, 108)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 108)  
}
```

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(166, 124, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.6403, 23.6050, 17.3922 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(166, 124, 108) }
```


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

```
.border{ border-color:rgb(166, 124, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 108);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6403, 23.6050, 17.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 108) }
```

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

```
.background{ background-color: rgb(166,  
124, 108) }
```

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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