

Converting Colors

XYZ(25.1041, 23.9796, 22.2805)

Have a look what the booklet for
XYZ(25.1041, 23.9796, 22.2805)
contains.

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Color

**XYZ(25.0676, 23.9615,
22.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	9C807C
RGB	156, 128, 124
RGB Percent	61%, 50%, 49%
CMY	0.3882, 0.4980, 0.5137
CMYK	0.00, 0.18, 0.21, 0.39
HSL	8°, 14%, 55%
HSV	8°, 21%, 61%
XYZ	25.0676, 23.9615, 22.3726
YIQ	135.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

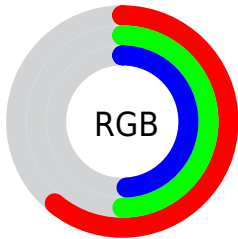
Format	Color
R_{YB}	156, 129, 124
Decimal	10256508
CIE Lab	56.05, 10.09, 6.20
CIE LCh	56, 11.846, 31.587
Yxy	23.9615, 0.3511, 0.3356
Android (android.graphics.Color)	4288446588 (0xFF9C807C)
YUV	135.9160, -5.8746, 17.6137
Hunter-Lab	48.9505, 5.7467, 7.1671

Details

The XYZ color **25.0676, 23.9615, 22.3726** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5410, 29.1412, 35.7315**, and the grayscale version is **23.3874, 24.6054, 26.7953**.

A 20% lighter version of the original color is **51.2243, 50.0312, 48.0315**, and **9.7749, 9.0430, 7.8869** is the 20% darker color. If you saturate the color by 10%, you get **22.4961, 20.2742, 17.0271**, and if you desaturate by 10%, it is **28.0361, 28.1924, 28.6210**.

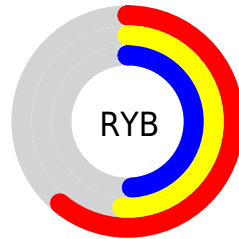
Distribution



Red (61%)

Green (50%)

Blue (49%)



Red (61%)

Yellow (51%)

Blue (49%)

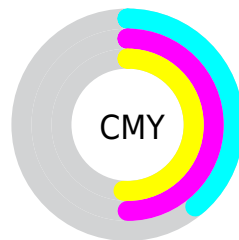


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (39%)



Cyan (39%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0676, 23.9615, 22.3726 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 25.0676, 23.9615, 22.3726 by changing the saturation by 10% instead.


 25.0676, 23.9615,
22.3726


 25.0676, 23.9615,
22.3726


270.5159,
272.6258, 277.5027


 16.2564, 15.3051,
13.9300


 51.2090, 49.9674,
48.2711

 9.7978, 9.0338,
7.9338


 69.2699, 68.0856,
66.5641

 5.3263, 4.7632,
3.9655

 91.1447, 90.1265,
88.9777

 2.4767, 2.1090,
1.6064

117.1989,
116.4746, 115.9303

 0.8835, 0.6697,
0.2954

147.7978,
147.5141, 147.8406

 0.0000, 0.0000,
0.0000

183.3066,

183.6296, 185.1271

224.0909,
225.2053, 228.2082

■ 25.0676, 23.9615,
22.3726

■ 25.0676, 23.9615,
22.3726

■ 22.4961, 20.2742,
17.0271

■ 28.0361, 28.1924,
28.6210

■ 20.3026, 17.1053,
12.5413

■ 31.4153, 32.9843,
35.8098

■ 18.4700, 14.4324,
8.8707

■ 35.2208, 38.3579,
43.9763

■ 16.9785, 12.2305,
5.9660

■ 39.4668, 44.3318,
53.1551

■ 15.8069, 10.4719,
3.7730

■ 44.1669, 50.9237,
63.3793

■ 14.9313, 9.1265,
2.2299

■ 49.3340, 58.1508,
74.6805

■ 14.3243, 8.1601,
1.2646

■ 54.9805, 66.0294,
87.0889

■ 13.9521, 7.5513,
0.7222

■ 61.1184, 74.5753,
100.6335

■ 66.2081, 83.1834,
107.1742

Harmonies

Analogous

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



25.4804, 23.9615, 25.8838



25.0676, 23.9615, 22.3726



24.0374, 23.9615, 20.0606

Triad

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



25.0676, 23.9615, 22.3726



20.5586, 23.9615, 22.6973



22.8469, 23.9615, 34.2846

Complementary

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



25.0676, 23.9615, 22.3726



25.5410, 29.1412, 35.7315

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.



21.5570, 23.9615, 33.2206



25.0676, 23.9615, 22.3726



20.2677, 23.9615, 26.2972

Square

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



25.0676, 23.9615, 22.3726



21.4367, 23.9615, 20.2346



20.6260, 23.9615, 30.1979



24.1672, 23.9615, 32.9784

Rectangle

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



25.0676, 23.9615, 22.3726



23.1581, 23.9615, 19.3812



20.6260, 23.9615, 30.1979



22.3955, 23.9615, 34.1918

Sweetspot

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



25.0683, 23.9626, 22.3731



53.5241, 54.9013, 57.5058



26.6076, 23.7593, 33.0043



11.6991, 11.9692, 12.4868



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.



25.0683, 23.9626, 22.3731



43.1151, 40.0643, 35.5978



27.2816, 28.3893, 23.1109



6.6966, 6.7733, 6.9401



11.5072, 6.2500, 0.5999



0.2227, 0.1456, 0.0164

Inverse Universe

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



25.5410, 29.1412, 35.7315



44.1434, 51.3468, 64.7111



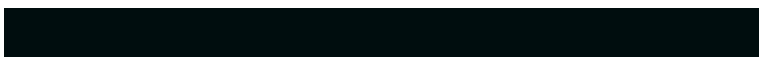
23.1550, 24.3692, 34.9361



6.7510, 7.3678, 8.4730



12.2684, 16.6284, 28.4702



0.2373, 0.3332, 0.5150

Previews

White Background



This preview shows how the XYZ color 25.0676, 23.9615, 22.3726 looks on a white background.

Color Contrast Check

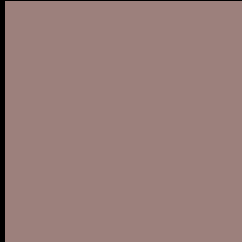
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0676, 23.9615, 22.3726 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 25.0676, 23.9615, 22.3726

Background



This preview shows how black text looks on a background with the XYZ color 25.0676, 23.9615, 22.3726.



This preview shows how white text looks on a background with the XYZ color 25.0676, 23.9615,

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

25.0676, 23.9615, 22.3726

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.5696, 24.0959, 22.4248



Tritanopia

25.8094, 23.8674, 26.5391

Trichromacy



Original Color

25.0676, 23.9615, 22.3726

Protanomaly

23.6942, 24.0286, 23.1278

Deuteranomaly

24.6252, 23.9281, 22.3895

Tritanomaly

25.6589, 24.0128, 25.1124

Monochromacy



Original Color

25.0676, 23.9615, 22.3726

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8801, 24.2806, 25.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0676, 23.9615, 22.3726 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, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(156, 128, 124)  
}
```

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, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 128, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.0676, 23.9615, 22.3726 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, 128, 124) }
```


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

```
.border{ border-color:rgb(156, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(156, 128,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0676, 23.9615, 22.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 128, 124) }
```

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

```
.background{ background-color: rgb(156,  
128, 124) }
```

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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