

Converting Colors

XYZ(23.6129, 25.0472, 21.9949)

Have a look what the booklet for
XYZ(23.6129, 25.0472, 21.9949)
contains.

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Color

**XYZ(23.6138, 25.0472,
22.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	8E897A
RGB	142, 137, 122
RGB Percent	56%, 54%, 48%
CMY	0.4431, 0.4627, 0.5216
CMYK	0.00, 0.04, 0.14, 0.44
HSL	45°, 8%, 52%
HSV	45°, 14%, 56%
XYZ	23.6138, 25.0472, 22.0024
YIQ	136.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

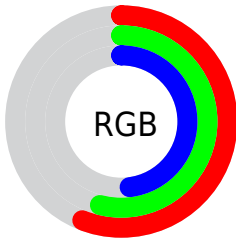
Format	Color
R_{YB}	129, 142, 122
Decimal	9341306
CIE Lab	57.12, -0.85, 8.71
CIE LCh	57, 8.749, 95.596
Yxy	25.0472, 0.3342, 0.3545
Android (android.graphics.Color)	4287531386 (0xFF8E897A)
YUV	136.7850, -7.2890, 4.5736
Hunter-Lab	50.0472, -3.3608, 8.9672

Details

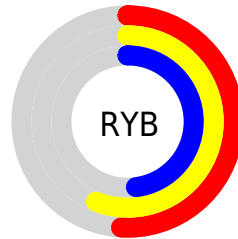
The XYZ color **23.6138, 25.0472, 22.0024** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4978, 21.2689, 28.6163**, and the grayscale version is **23.7218, 24.9572, 27.1783**.

A 20% lighter version of the original color is **48.8184, 51.6187, 47.4348**, and **9.0244, 9.5727, 7.6754** is the 20% darker color. If you saturate the color by 10%, you get **22.3016, 23.7294, 17.5367**, and if you desaturate by 10%, it is **25.0725, 26.4518, 27.1519**.

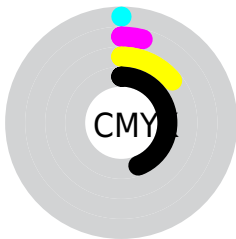
Distribution



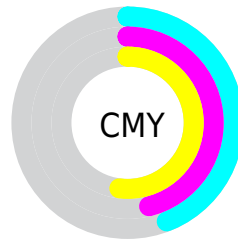
- Red (56%)
- Green (54%)
- Blue (48%)



- Red (51%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (44%)



- Cyan (44%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6138, 25.0472, 22.0024 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 23.6138, 25.0472, 22.0024 by changing the saturation by 10% instead.

■ 23.6138, 25.0472,
22.0024

■ 23.6138, 25.0472,
22.0024

263.3390,
278.0729, 275.5127

■ 15.1706, 16.1122,
13.6603

■ 48.8585, 51.7338,
47.6522

■ 9.0263, 9.6036,
7.7488

■ 66.3907, 70.2542,
65.7970

■ 4.8156, 5.1369,
3.8491

■ 87.6833, 92.7385,
88.0465

■ 2.1731, 2.3278,
1.5430

113.1016,
119.5712, 114.8192

■ 0.7285, 0.7884,
0.2496

143.0109,
151.1365, 146.5336

■ 0.0000, 0.0000,
0.0000

177.7767,

187.8190, 183.6083

217.7643,
230.0030, 226.4618

■ 23.6138, 25.0472,
22.0024

■ 23.6138, 25.0472,
22.0024

■ 22.3016, 23.7294,
17.5367

■ 25.0725, 26.4518,
27.1519

■ 21.1283, 22.4925,
13.7240

■ 26.6811, 27.9424,
33.0110

■ 20.0883, 21.3351,
10.5332

■ 28.4453, 29.5222,
39.6065

■ 19.1750, 20.2541,
7.9304

■ 30.3700, 31.1936,
46.9628

■ 18.3812, 19.2464,
5.8782

■ 32.4598, 32.9584,
55.1037

■ 17.6989, 18.3085,
4.3350

■ 34.7191, 34.8188,
64.0515

■ 17.1188, 17.4366,
3.2531

■ 37.1521, 36.7766,
73.8279

■ 16.6296, 16.6256,
2.5738

■ 39.7629, 38.8338,
84.4536

■ 16.3633, 16.1666,
2.2580

■ 42.5554, 40.9922,
95.9488

Harmonies

Analogous

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



24.6352, 25.0472, 22.4212



23.6138, 25.0472, 22.0024



22.6711, 25.0472, 22.9107

Triad

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



23.6138, 25.0472, 22.0024



22.2306, 25.0472, 30.7125



25.6581, 25.0472, 29.6861

Complementary

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



23.6138, 25.0472, 22.0024



20.4978, 21.2689, 28.6163

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.



24.9794, 25.0472, 32.1547



23.6138, 25.0472, 22.0024



22.9968, 25.0472, 32.7767

Square

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



23.6138, 25.0472, 22.0024



21.8874, 25.0472, 27.8296



24.0005, 25.0472, 33.3225



25.8348, 25.0472, 26.7222

Rectangle

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



23.6138, 25.0472, 22.0024



22.2080, 25.0472, 24.1880



24.0005, 25.0472, 33.3225



25.4802, 25.0472, 30.6079

Sweetspot

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



23.6145, 25.0483, 22.0029



44.2132, 46.6455, 47.8804



21.9459, 21.2025, 23.0148



9.8341, 10.3796, 10.5470



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.6145, 25.0483, 22.0029



40.8573, 43.3937, 36.0951



23.5026, 26.0697, 22.2060



5.7270, 6.0603, 5.7573



14.7067, 14.5451, 2.0324



0.1580, 0.1739, 0.0252

Inverse Universe

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



20.4978, 21.2689, 28.6163



34.2346, 35.3631, 50.1493



20.5947, 20.3845, 28.4405



5.2323, 5.4604, 6.8070



4.9492, 2.8843, 23.2730



0.0627, 0.0583, 0.2276

Previews

White Background



This preview shows how the XYZ color 23.6138, 25.0472, 22.0024 looks on a white background.

Color Contrast Check

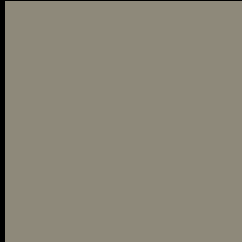
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6138, 25.0472, 22.0024 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

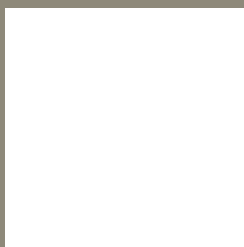
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6138, 25.0472, 22.0024

Background



This preview shows how black text looks on a background with the XYZ color 23.6138, 25.0472, 22.0024.



This preview shows how white text looks on a background with the XYZ color 23.6138, 25.0472,

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

23.6138, 25.0472, 22.0024

Protanopia

23.7862, 25.1361, 22.0104

Deuteranopia

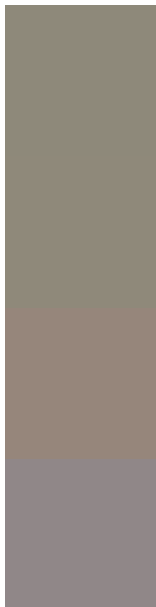
25.3440, 24.9012, 22.2095



Tritanopia

25.2362, 25.0836, 29.8971

Trichromacy



Original Color

23.6138, 25.0472, 22.0024

Protanomaly

23.7862, 25.1361, 22.0104

Deuteranomaly

24.6779, 24.9643, 22.2568

Tritanomaly

24.6095, 25.0348, 26.8277

Monochromacy



Original Color

23.6138, 25.0472, 22.0024

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7580, 25.0462, 25.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6138, 25.0472, 22.0024 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(142, 137, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 137, 122)  
}
```

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(142, 137, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 137, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.6138, 25.0472, 22.0024 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(142, 137, 122) }
```


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

```
.border{ border-color:rgb(142, 137, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 137, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 137, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 137, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 137,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6138, 25.0472, 22.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 137, 122) }
```

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

```
.background{ background-color: rgb(142,  
137, 122) }
```

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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