

Converting Colors

XYZ(23.4120, 24.4517, 22.6730)

Have a look what the booklet for
XYZ(23.4120, 24.4517, 22.6730)
contains.

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Color

**XYZ(23.4574, 24.5340,
22.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	8E877C
RGB	142, 135, 124
RGB Percent	56%, 53%, 49%
CMY	0.4431, 0.4706, 0.5137
CMYK	0.00, 0.05, 0.13, 0.44
HSL	37°, 7%, 52%
HSV	37°, 13%, 56%
XYZ	23.4574, 24.5340, 22.5680
YIQ	135.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

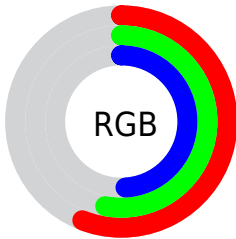
Format	Color
R_{YB}	135, 142, 124
Decimal	9340796
CIE Lab	56.62, 0.62, 6.84
CIE LCh	57, 6.872, 84.833
Yxy	24.5340, 0.3324, 0.3477
Android (android.graphics.Color)	4287530876 (0xFF8E877C)
YUV	135.8390, -5.8366, 5.4032
Hunter-Lab	49.5318, -2.1462, 7.6582

Details

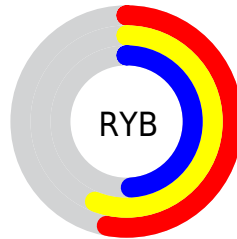
The XYZ color **23.4574, 24.5340, 22.5680** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3109, 22.4702, 28.8054**, and the grayscale version is **23.3612, 24.5778, 26.7652**.

A 20% lighter version of the original color is **48.6840, 50.8765, 48.8492**, and **8.9321, 9.2803, 7.9771** is the 20% darker color. If you saturate the color by 10%, you get **21.8732, 22.7006, 17.9239**, and if you desaturate by 10%, it is **25.2122, 26.5012, 27.9076**.

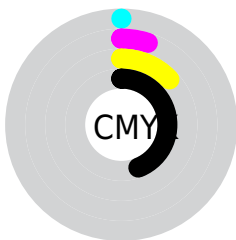
Distribution



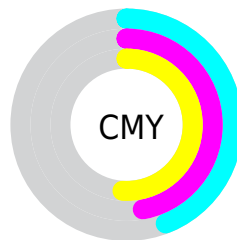
- Red (56%)
- Green (53%)
- Blue (49%)



- Red (53%)
- Yellow (56%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4574, 24.5340, 22.5680 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 23.4574, 24.5340, 22.5680 by changing the saturation by 10% instead.

■ 23.4574, 24.5340,
22.5680

■ 23.4574, 24.5340,
22.5680

262.5574,
275.5092, 278.5480

■ 15.0542, 15.7302,
14.0726

■ 48.6044, 50.9002,
48.5972

■ 8.9440, 9.3334,
8.0318

■ 66.0790, 69.2314,
66.9680

■ 4.7615, 4.9593,
4.0272

■ 87.3079, 91.5073,
89.4677

■ 2.1413, 2.2234,
1.6403

112.6568,
118.1121, 116.5147

■ 0.7115, 0.7327,
0.3193

142.4907,
149.4303, 148.5278

■ 0.0000, 0.0000,
0.0000

177.1753,

185.8463, 185.9253

217.0757,
227.7445, 229.1258

■ 23.4574, 24.5340,
22.5680

■ 23.4574, 24.5340,
22.5680

■ 21.8732, 22.7006,
17.9239

■ 25.2122, 26.5012,
27.9076

■ 20.4515, 20.9943,
13.9447

■ 27.1414, 28.6022,
33.9686

■ 19.1866, 19.4127,
10.5994

■ 29.2511, 30.8411,
40.7775

■ 18.0713, 17.9519,
7.8544

■ 31.5466, 33.2210,
48.3589

■ 17.0980, 16.6078,
5.6727

■ 34.0327, 35.7447,
56.7363

■ 16.2584, 15.3761,
4.0132

■ 36.7143, 38.4149,
65.9322

■ 15.5428, 14.2518,
2.8290

■ 39.5960, 41.2345,
75.9683

■ 14.9402, 13.2293,
2.0648

■ 42.6822, 44.2059,
86.8653

■ 14.5476, 12.5352,
1.6528

■ 45.9773, 47.3318,
98.6433

Harmonies

Analogous

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



24.2146, 24.5340, 23.2767



23.4574, 24.5340, 22.5680



22.6798, 24.5340, 22.9173

Triad

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



23.4574, 24.5340, 22.5680



21.9527, 24.5340, 28.6035



24.5970, 24.5340, 29.3275

Complementary

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



23.4574, 24.5340, 22.5680



21.3109, 22.4702, 28.8054

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.



23.9698, 24.5340, 30.9071



23.4574, 24.5340, 22.5680



22.4454, 24.5340, 30.4726

Square

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



23.4574, 24.5340, 22.5680



21.8225, 24.5340, 26.3192



23.1808, 24.5340, 31.3376



24.8820, 24.5340, 27.1114

Rectangle

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



23.4574, 24.5340, 22.5680



22.2527, 24.5340, 23.7141



23.1808, 24.5340, 31.3376



24.4185, 24.5340, 29.9554

Sweetspot

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



23.4581, 24.5351, 22.5685



44.0054, 46.2300, 47.8112



22.4736, 21.8106, 24.5695



9.7801, 10.2716, 10.5290



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.



23.4581, 24.5351, 22.5685



40.6007, 42.3901, 37.5214



24.1603, 26.3943, 22.8904



5.6659, 5.9381, 5.7369



13.0797, 11.2910, 1.4900



0.1465, 0.1509, 0.0214

Inverse Universe

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



21.3109, 22.4702, 28.8054



36.1075, 38.0694, 50.5729



20.6652, 20.7891, 28.5149



5.2908, 5.5773, 6.8264



5.6358, 4.2576, 23.5018



0.0742, 0.0813, 0.2315

Previews

White Background



This preview shows how the XYZ color 23.4574, 24.5340, 22.5680 looks on a white background.

Color Contrast Check

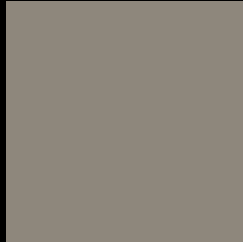
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4574, 24.5340, 22.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

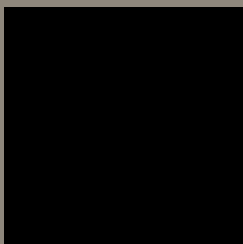
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

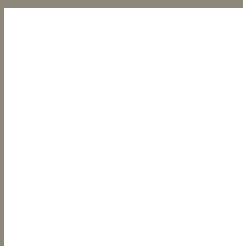
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4574, 24.5340, 22.5680

Background



This preview shows how black text looks on a background with the XYZ color 23.4574, 24.5340, 22.5680.



This preview shows how white text looks on a background with the XYZ color 23.4574, 24.5340,

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

23.4574, 24.5340, 22.5680

Protanopia

23.2866, 24.4459, 22.5600

Deuteranopia

24.9548, 24.4856, 22.8130



Tritanopia

24.8862, 24.5054, 29.4050

Trichromacy



Original Color

23.4574, 24.5340, 22.5680

Protanomaly

23.2866, 24.4459, 22.5600

Deuteranomaly

24.3474, 24.3728, 22.8232

Tritanomaly

24.3331, 24.4819, 26.7355

Monochromacy



Original Color

23.4574, 24.5340, 22.5680

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4502, 24.6775, 25.3571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4574, 24.5340, 22.5680 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, 135, 124) looks like.

```
.text, #text, p{  
    color:rgb(142, 135, 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(142, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 135, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.4574, 24.5340, 22.5680 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, 135, 124) }
```


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

```
.border{ border-color:rgb(142, 135, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(142, 135,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4574, 24.5340, 22.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 135, 124) }
```

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

```
.background{ background-color: rgb(142,  
135, 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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