

Converting Colors

XYZ(24.3298, 23.4755, 23.1134)

Have a look what the booklet for
XYZ(24.3298, 23.4755, 23.1134)
contains.

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Color

**XYZ(24.4340, 23.6201,
23.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	98807E
RGB	152, 128, 126
RGB Percent	60%, 50%, 49%
CMY	0.4039, 0.4980, 0.5059
CMYK	0.00, 0.16, 0.17, 0.40
HSL	5°, 11%, 55%
HSV	5°, 17%, 60%
XYZ	24.4340, 23.6201, 23.0100
YIQ	134.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

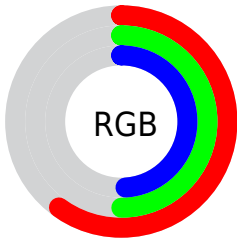
Format	Color
R_{YB}	152, 128, 126
Decimal	9994366
CIE _{Lab}	55.71, 8.85, 4.50
CIE _{LCh}	56, 9.927, 26.965
Yxy	23.6201, 0.3438, 0.3324
Android (android.graphics.Color)	4288184446 (0xFF98807E)
YUV	134.9480, -4.4114, 14.9546
Hunter-Lab	48.6005, 4.6903, 5.9494

Details

The XYZ color **24.4340, 23.6201, 23.0100** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1779, 28.5148, 33.8830**, and the grayscale version is **23.0223, 24.2213, 26.3770**.

A 20% lighter version of the original color is **50.3927, 49.5678, 49.5594**, and **9.5024, 8.8945, 8.2372** is the 20% darker color. If you saturate the color by 10%, you get **21.8218, 19.8477, 17.6624**, and if you desaturate by 10%, it is **27.4496, 27.9604, 29.2280**.

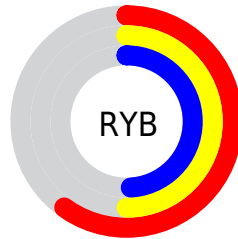
Distribution



Red (60%)

Green (50%)

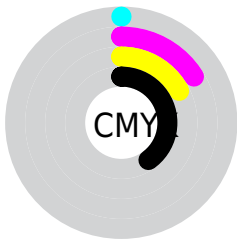
Blue (49%)



Red (60%)

Yellow (50%)

Blue (49%)

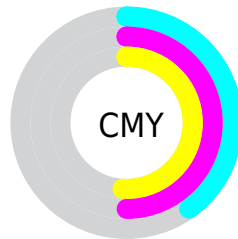


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (40%)



Cyan (40%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4340, 23.6201, 23.0100 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 24.4340, 23.6201, 23.0100 by changing the saturation by 10% instead.

■ 24.4340, 23.6201,
23.0100

■ 24.4340, 23.6201,
23.0100

267.4073,
270.8942, 280.8999

■ 15.7823, 15.0521,
14.3955

■ 50.1870, 49.4095,
49.3332

■ 9.4601, 8.8559,
8.2544

■ 68.0191, 67.3997,
67.8789

■ 5.1020, 4.6473,
4.1681

■ 89.6421, 89.2994,
90.5722

■ 2.3426, 2.0419,
1.7180

115.4213,
115.4930, 117.8315

■ 0.8163, 0.6316,
0.3730

145.7220,
146.3649, 150.0754

■ 0.0000, 0.0000,
0.0000

180.9097,

182.2994, 187.7224

221.3497,
223.6811, 231.1910

■ 24.4340, 23.6201,
23.0100

■ 24.4340, 23.6201,
23.0100

■ 21.8218, 19.8477,
17.6624

■ 27.4496, 27.9604,
29.2280

■ 19.5939, 16.6165,
13.1448

■ 30.8827, 32.8872,
36.3511

■ 17.7329, 13.9028,
9.4162

■ 34.7491, 38.4225,
44.4140

■ 16.2190, 11.6795,
6.4311

■ 39.0630, 44.5860,
53.4494

■ 15.0307, 9.9175,
4.1398

■ 43.8382, 51.3966,
63.4880

■ 14.1438, 8.5842,
2.4861

■ 49.0880, 58.8723,
74.5594

■ 13.5310, 7.6430,
1.4054

■ 54.8247, 67.0307,
86.6920

■ 13.1550, 7.0489,
0.7936

■ 61.0607, 75.8883,
99.9129

■ 13.0770, 6.9314,
0.6487

■ 66.5256, 84.9487,
107.4982

Harmonies

Analogous

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



24.6805, 23.6201, 26.0477



24.4340, 23.6201, 23.0100



23.6503, 23.6201, 20.8662

Triad

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



24.4340, 23.6201, 23.0100



20.6850, 23.6201, 22.4865



22.3359, 23.6201, 32.4144

Complementary

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



24.4340, 23.6201, 23.0100



25.1779, 28.5148, 33.8830

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.



21.2914, 23.6201, 31.2696



24.4340, 23.6201, 23.0100



20.3585, 23.6201, 25.3917

Square

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



24.4340, 23.6201, 23.0100



21.4835, 23.6201, 20.5822



20.5768, 23.6201, 28.6311



23.4455, 23.6201, 31.6448

Rectangle

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



24.4340, 23.6201, 23.0100



22.9416, 23.6201, 20.1423



20.5768, 23.6201, 28.6311



21.9658, 23.6201, 32.2386

Sweetspot

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



24.4346, 23.6212, 23.0105



49.6074, 51.0139, 53.9838



25.9366, 23.8081, 32.1956



11.1897, 11.4722, 12.0930



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.4346, 23.6212, 23.0105



41.0591, 38.7069, 36.3688



26.2007, 27.1533, 23.5992



6.2451, 6.2954, 6.4918



10.9748, 5.8320, 0.5473



0.1730, 0.1050, 0.0111

Inverse Universe

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



25.1779, 28.5148, 33.8830



42.6521, 49.1984, 59.6819



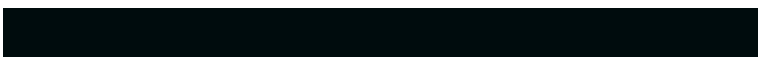
23.2556, 24.6702, 33.2422



6.3439, 6.9451, 7.9352



12.6613, 17.7193, 27.6606



0.1997, 0.2858, 0.4170

Previews

White Background



This preview shows how the XYZ color 24.4340, 23.6201, 23.0100 looks on a white background.

Color Contrast Check

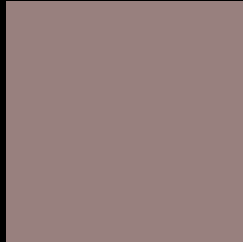
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4340, 23.6201, 23.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

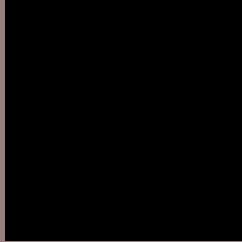
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4340, 23.6201, 23.0100

Background



This preview shows how black text looks on a background with the XYZ color 24.4340, 23.6201, 23.0100.



This preview shows how white text looks on a background with the XYZ color 24.4340, 23.6201,

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

24.4340, 23.6201, 23.0100

Protanopia

22.6665, 23.6784, 24.1446

Deuteranopia

24.0106, 23.5964, 23.0277



Tritanopia

25.0417, 23.4716, 26.5032

Trichromacy



Original Color

24.4340, 23.6201, 23.0100

Protanomaly

23.1679, 23.5419, 23.7450

Deuteranomaly

24.1938, 23.6909, 23.0363

Tritanomaly

24.8911, 23.6170, 25.0764

Monochromacy



Original Color

24.4340, 23.6201, 23.0100

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4006, 23.8312, 25.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4340, 23.6201, 23.0100 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(152, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 126)  
}
```

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(152, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.4340, 23.6201, 23.0100 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(152, 128, 126) }
```


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

```
.border{ border-color:rgb(152, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(152, 128,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4340, 23.6201, 23.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 126) }
```

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

```
.background{ background-color: rgb(152,  
128, 126) }
```

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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