

Converting Colors

XYZ(23.9880, 25.8301, 24.4903)

Have a look what the booklet for
XYZ(23.9880, 25.8301, 24.4903)
contains.

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Color

**XYZ(23.9880, 25.8301,
24.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8C81
RGB	139, 140, 129
RGB Percent	55%, 55%, 51%
CMY	0.4549, 0.4510, 0.4941
CMYK	0.01, 0.00, 0.08, 0.45
HSL	65°, 5%, 53%
HSV	65°, 8%, 55%
XYZ	23.9880, 25.8301, 24.4903
YIQ	138.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

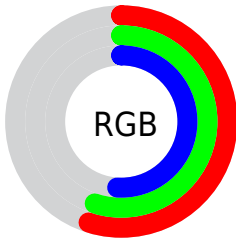
Format	Color
R_{YB}	129, 140, 130
Decimal	9145473
CIE _{Lab}	57.88, -2.45, 5.74
CIE _{LCh}	58, 6.243, 113.125
Yxy	25.8301, 0.3228, 0.3476
Android (android.graphics.Color)	4287335553 (0xFF8B8C81)
YUV	138.4470, -4.6574, 0.4850
Hunter-Lab	50.8233, -4.6909, 7.0062

Details

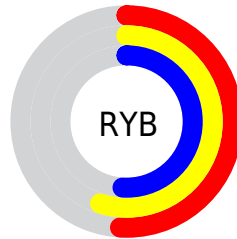
The XYZ color **23.9880, 25.8301, 24.4903** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7908, 22.3405, 27.9759**, and the grayscale version is **24.3454, 25.6132, 27.8928**.

A 20% lighter version of the original color is **49.4735, 53.1674, 51.9108**, and **9.2240, 10.0154, 9.0364** is the 20% darker color. If you saturate the color by 10%, you get **22.9089, 25.3748, 19.9103**, and if you desaturate by 10%, it is **25.1985, 26.3399, 29.7432**.

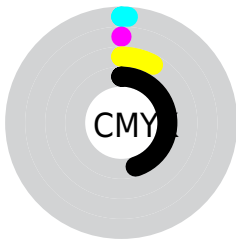
Distribution



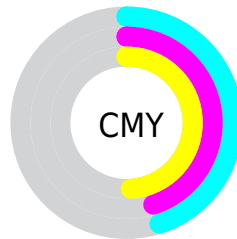
- Red (55%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9880, 25.8301, 24.4903 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 23.9880, 25.8301, 24.4903 by changing the saturation by 10% instead.

■ 23.9880, 25.8301,
24.4903

■ 23.9880, 25.8301,
24.4903

265.2014,
281.9471, 288.6560

■ 15.4494, 16.6966,
15.4822

■ 49.4654, 53.0007,
51.7829

■ 9.2238, 10.0184,
9.0081

■ 67.1350, 71.8066,
70.9045

■ 4.9457, 5.4112,
4.6496

■ 88.5789, 94.6054,
94.2344

■ 2.2499, 2.4905,
1.9881

114.1625,
121.7816, 122.1910

■ 0.7688, 0.8719,
0.5479

144.2513,
153.7194, 155.1929

■ 0.0000, 0.0000,
0.0000

179.2104,

190.8033, 193.6587

219.4053,
233.4177, 238.0069

■ 23.9880, 25.8301,
24.4903

■ 23.9880, 25.8301,
24.4903

■ 22.9089, 25.3748,
19.9103

■ 25.1985, 26.3399,
29.7432

■ 21.9540, 24.9687,
15.9744

■ 26.5432, 26.9028,
35.6929

■ 21.1185, 24.6106,
12.6541

■ 28.0275, 27.5219,
42.3642

■ 20.3964, 24.2981,
9.9183

■ 29.6556, 28.1987,
49.7802

■ 19.7812, 24.0287,
7.7330

■ 31.4319, 28.9352,
57.9630

■ 19.2660, 23.7996,
6.0609

■ 33.3602, 29.7327,
66.9336

■ 18.8426, 23.6075,
4.8598

■ 35.4446, 30.5929,
76.7125

■ 18.5018, 23.4487,
4.0811

■ 37.6887, 31.5174,
87.3192

■ 18.2248, 23.3157,
3.6259

■ 40.0954, 32.5072,
98.7690

Harmonies

Analogous

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



24.7240, 25.8301, 24.2155



23.9880, 25.8301, 24.4903



23.4137, 25.8301, 25.7153

Triad

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



23.9880, 25.8301, 24.4903



23.6944, 25.8301, 31.5641



26.0124, 25.8301, 28.6226

Complementary

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



23.9880, 25.8301, 24.4903



21.7908, 22.3405, 27.9759

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.



25.7240, 25.8301, 30.6799



23.9880, 25.8301, 24.4903



24.3783, 25.8301, 32.4333

Square

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



23.9880, 25.8301, 24.4903



23.2466, 25.8301, 29.7802



25.1222, 25.8301, 32.1017



25.9028, 25.8301, 26.5315

Rectangle

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



23.9880, 25.8301, 24.4903



23.1947, 25.8301, 26.9411



25.1222, 25.8301, 32.1017



25.9586, 25.8301, 29.3422

Sweetspot

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



23.9887, 25.8312, 24.4909



43.5032, 46.0495, 48.4151



22.7500, 23.1042, 24.0298



10.0308, 10.6137, 11.1848



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.



23.9887, 25.8312, 24.4909



42.0246, 45.4270, 42.0341



23.1067, 25.3765, 24.4496



5.3869, 5.8222, 5.3923



16.1504, 20.6958, 3.1435



0.1134, 0.1406, 0.0212

Inverse Universe

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



21.7908, 22.3405, 27.9759



37.5330, 38.2934, 49.1561



22.6435, 22.7801, 28.0158



4.8142, 4.9126, 6.3003



4.3588, 1.7612, 22.1559



0.0338, 0.0142, 0.1474

Previews

White Background



This preview shows how the XYZ color 23.9880, 25.8301, 24.4903 looks on a white background.

Color Contrast Check

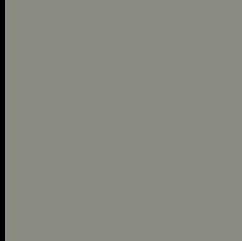
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9880, 25.8301, 24.4903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

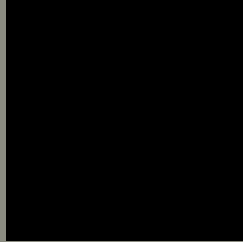
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9880, 25.8301, 24.4903

Background



This preview shows how black text looks on a background with the XYZ color 23.9880, 25.8301, 24.4903.



This preview shows how white text looks on a background with the XYZ color 23.9880, 25.8301,

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

23.9880, 25.8301, 24.4903

Protanopia

24.4864, 25.6648, 24.0853

Deuteranopia

26.2647, 25.7298, 24.7011



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

23.9880, 25.8301, 24.4903

Protanomaly

24.2842, 25.7745, 24.1171

Deuteranomaly

25.4111, 25.7041, 24.7412

Tritanomaly

24.8807, 25.7628, 28.8607

Monochromacy



Original Color

23.9880, 25.8301, 24.4903

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0870, 25.6178, 26.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9880, 25.8301, 24.4903 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(139, 140, 129)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 129)  
}
```

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(139, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.9880, 25.8301, 24.4903 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(139, 140, 129) }
```


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

```
.border{ border-color:rgb(139, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9880, 25.8301, 24.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 129) }
```

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

```
.background{ background-color: rgb(139,  
140, 129) }
```

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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