

Converting Colors

XYZ(24.0883, 24.4871, 24.7747)

Have a look what the booklet for
XYZ(24.0883, 24.4871, 24.7747)
contains.

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Color

**XYZ(23.9859, 24.3430,
24.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	908583
RGB	144, 133, 131
RGB Percent	56%, 52%, 51%
CMY	0.4353, 0.4784, 0.4863
CMYK	0.00, 0.08, 0.09, 0.44
HSL	9°, 6%, 54%
HSV	9°, 9%, 56%
XYZ	23.9859, 24.3430, 24.9072
YIQ	136.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

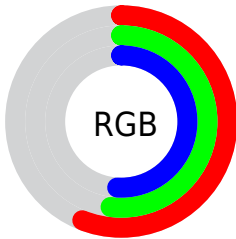
Format	Color
R_{YB}	144, 133, 131
Decimal	9471363
CIE Lab	56.43, 3.77, 2.56
CIE LCh	56, 4.559, 34.193
Yxy	24.3430, 0.3275, 0.3324
Android (android.graphics.Color)	4287661443 (0xFF908583)
YUV	136.0610, -2.4951, 4.9625
Hunter-Lab	49.3386, 0.4349, 4.6062

Details

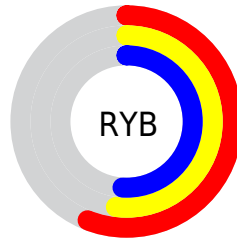
The XYZ color **23.9859, 24.3430, 24.9072** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0672, 26.1847, 30.1717**, and the grayscale version is **23.4323, 24.6526, 26.8467**.

A 20% lighter version of the original color is **49.4993, 50.5843, 52.5022**, and **9.3094, 9.3295, 9.2928** is the 20% darker color. If you saturate the color by 10%, you get **21.5049, 20.8357, 19.5951**, and if you desaturate by 10%, it is **26.7974, 28.2937, 30.9994**.

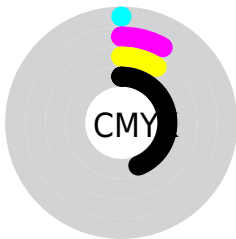
Distribution



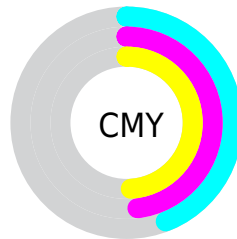
- Red (56%)
- Green (52%)
- Blue (51%)



- Red (56%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9859, 24.3430, 24.9072 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 23.9859, 24.3430, 24.9072 by changing the saturation by 10% instead.

■ 23.9859, 24.3430,
24.9072

■ 23.9859, 24.3430,
24.9072

265.1910,
274.5500, 290.8083

■ 15.4478, 15.5883,
15.7895

■ 49.4620, 50.5894,
52.4689

■ 9.2226, 9.2333,
9.2226

■ 67.1308, 68.8497,
71.7500

■ 4.9450, 4.8936,
4.7879

■ 88.5739, 91.0475,
95.2560

■ 2.2494, 2.1850,
2.0668

114.1566,
117.5669, 123.4054

■ 0.7686, 0.7118,
0.5959

144.2443,
148.7925, 156.6168

■ 0.0000, 0.0000,
0.0000

179.2024,

185.1086, 195.3088

219.3961,
226.8997, 239.8998

■ 23.9859, 24.3430,
24.9072

■ 23.9859, 24.3430,
24.9072

■ 21.5049, 20.8357,
19.5951

■ 26.7974, 28.2937,
30.9994

■ 19.3402, 17.7531,
15.0300

■ 29.9489, 32.6991,
37.8997

■ 17.4797, 15.0800,
11.1787

■ 33.4519, 37.5742,
45.6368

■ 15.9094, 12.7991,
8.0051

■ 37.3170, 42.9325,
54.2376

■ 14.6146, 10.8918,
5.4698

■ 41.5542, 48.7867,
63.7275

■ 13.5789, 9.3381,
3.5292

■ 46.1731, 55.1492,
74.1312

■ 12.7846, 8.1159,
2.1344

■ 51.1829, 62.0318,
85.4721

■ 12.2111, 7.2006,
1.2287

■ 56.5926, 69.4461,
97.7730

■ 11.8231, 6.5598,
0.6832

■ 61.4957, 77.0372,
106.2362

Harmonies

Analogous

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



24.1630, 24.3430, 26.2937



23.9859, 24.3430, 24.9072



23.5814, 24.3430, 23.9769

Triad

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



23.9859, 24.3430, 24.9072



22.2367, 24.3430, 25.2616



23.2115, 24.3430, 29.5073

Complementary

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



23.9859, 24.3430, 24.9072



24.0672, 26.1847, 30.1717

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.



22.6988, 24.3430, 29.2057



23.9859, 24.3430, 24.9072



22.1410, 24.3430, 26.7182

Square

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



23.9859, 24.3430, 24.9072



22.5723, 24.3430, 24.1759



22.3089, 24.3430, 28.1705



23.7116, 24.3430, 28.9799

Rectangle

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



23.9859, 24.3430, 24.9072



23.2400, 24.3430, 23.7209



22.3089, 24.3430, 28.1705



23.0349, 24.3430, 29.4997

Sweetspot

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



23.9866, 24.3441, 24.9077



45.1927, 46.9974, 50.1722



24.5046, 24.1168, 28.9748



10.2767, 10.6554, 11.3170



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.9866, 24.3441, 24.9077



41.2950, 41.5108, 41.7555



24.8967, 26.1643, 25.2111



5.4718, 5.5499, 5.6722



10.2806, 5.6929, 0.5570



0.1085, 0.0749, 0.0087

Inverse Universe

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



24.0672, 26.1847, 30.1717



41.4691, 45.4887, 53.1326



23.1354, 24.3211, 29.8611



5.4905, 5.9768, 6.8930



10.4388, 13.8636, 25.1028



0.1122, 0.1573, 0.2441

Previews

White Background



This preview shows how the XYZ color 23.9859, 24.3430, 24.9072 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 23.9859, 24.3430, 24.9072 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

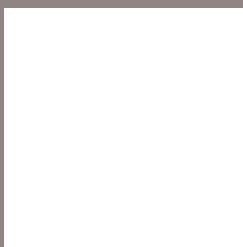
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9859, 24.3430, 24.9072

Background



This preview shows how black text looks on a background with the XYZ color 23.9859, 24.3430, 24.9072.



This preview shows how white text looks on a background with the XYZ color 23.9859, 24.3430,

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

23.9859, 24.3430, 24.9072

Protanopia

23.4763, 24.4829, 25.3181

Deuteranopia

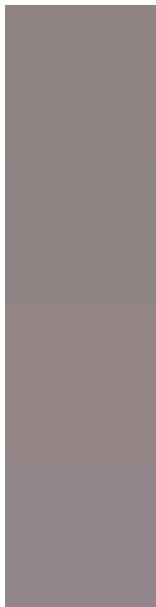
24.7907, 24.3553, 24.8672



Tritanopia

24.6758, 24.2053, 28.9627

Trichromacy



Original Color

23.9859, 24.3430, 24.9072

Protanomaly

23.6745, 24.3789, 25.2876

Deuteranomaly

24.5607, 24.4371, 24.8951

Tritanomaly

24.5158, 24.3572, 27.4541

Monochromacy



Original Color

23.9859, 24.3430, 24.9072

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6145, 24.5381, 26.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9859, 24.3430, 24.9072 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(144, 133, 131) looks like.

```
.text, #text, p{  
    color:rgb(144, 133, 131)  
}
```

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(144, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 133, 131) }
```

Border

The CSS property to change the border of an element to XYZ 23.9859, 24.3430, 24.9072 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(144, 133, 131) }
```


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

```
.border{ border-color:rgb(144, 133, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 133, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(144, 133,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9859, 24.3430, 24.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 133, 131) }
```

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

```
.background{ background-color: rgb(144,  
133, 131) }
```

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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