

Converting Colors

XYZ(23.8944, 24.9063, 24.0731)

Have a look what the booklet for
XYZ(23.8944, 24.9063, 24.0731)
contains.

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Color

**XYZ(23.8558, 24.9176,
23.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8880
RGB	142, 136, 128
RGB Percent	56%, 53%, 50%
CMY	0.4431, 0.4667, 0.4980
CMYK	0.00, 0.04, 0.10, 0.44
HSL	34°, 6%, 53%
HSV	34°, 10%, 56%
XYZ	23.8558, 24.9176, 23.9743
YIQ	136.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

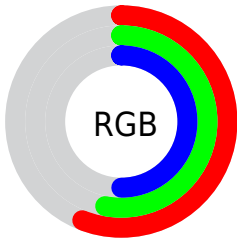
Format	Color
RYB	139, 142, 128
Decimal	9341056
CIELab	57.00, 0.76, 5.08
CIELCh	57, 5.140, 81.481
Yxy	24.9176, 0.3279, 0.3425
Android (android.graphics.Color)	4287531136 (0xFF8E8880)
YUV	136.8820, -4.3788, 4.4885
Hunter-Lab	49.9175, -2.0498, 6.4666

Details

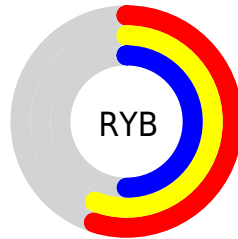
The XYZ color **23.8558, 24.9176, 23.9743** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3097, 23.5921, 28.9695**, and the grayscale version is **23.7482, 24.9850, 27.2087**.

A 20% lighter version of the original color is **49.3030, 51.4672, 51.0517**, and **9.1527, 9.4954, 8.7475** is the 20% darker color. If you saturate the color by 10%, you get **22.1534, 22.9053, 19.1138**, and if you desaturate by 10%, it is **25.7390, 27.0817, 29.5411**.

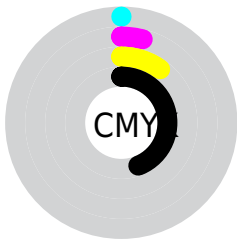
Distribution



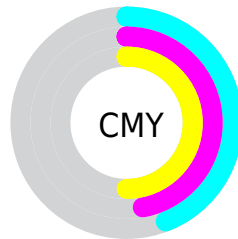
- Red (56%)
- Green (53%)
- Blue (50%)



- Red (55%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8558, 24.9176, 23.9743 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 23.8558, 24.9176, 23.9743 by changing the saturation by 10% instead.

■ 23.8558, 24.9176,
23.9743

■ 23.8558, 24.9176,
23.9743

264.5447,
277.4273, 285.9729

■ 15.3508, 16.0157,
15.1025

■ 49.2512, 51.5235,
50.9316

■ 9.1539, 9.5352,
8.7440

■ 66.8723, 69.9963,
69.8541

■ 4.8996, 5.0919,
4.4800

■ 88.2629, 92.4281,
92.9641

■ 2.2226, 2.3013,
1.8922

113.7882,
119.2035, 120.6799

■ 0.7546, 0.7744,
0.4878

143.8137,
150.7067, 153.4201

■ 0.0000, 0.0000,
0.0000

178.7047,

187.3221, 191.6034

218.8266,
229.4342, 235.6481

■ 23.8558, 24.9176,
23.9743

■ 23.8558, 24.9176,
23.9743

■ 22.1534, 22.9053,
19.1138

■ 25.7390, 27.0817,
29.5411

■ 20.6237, 21.0377,
14.9292

■ 27.8069, 29.3980,
35.8397

■ 19.2606, 19.3120,
11.3905

■ 30.0657, 31.8709,
42.8962

■ 18.0571, 17.7241,
8.4644

■ 32.5207, 34.5037,
50.7349

■ 17.0056, 16.2694,
6.1150

■ 35.1771, 37.2998,
59.3793

■ 16.0976, 14.9433,
4.3022

■ 38.0398, 40.2621,
68.8515

■ 15.3237, 13.7403,
2.9812

■ 41.1135, 43.3938,
79.1730

■ 14.6731, 12.6548,
2.0991

■ 44.4027, 46.6976,
90.3644

■ 14.1179, 11.6740,
1.5150

■ 47.7825, 50.1248,
101.7644

Harmonies

Analogous

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



24.4137, 24.9176, 24.6122



23.8558, 24.9176, 23.9743



23.2609, 24.9176, 24.1536

Triad

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



23.8558, 24.9176, 23.9743



22.6196, 24.9176, 28.3667



24.6033, 24.9176, 29.2545

Complementary

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



23.8558, 24.9176, 23.9743



22.3097, 23.5921, 28.9695

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.



24.1111, 24.9176, 30.3436



23.8558, 24.9176, 23.9743



22.9679, 24.9176, 29.8161

Square

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



23.8558, 24.9176, 23.9743



22.5539, 24.9176, 26.6415



23.5119, 24.9176, 30.5534



24.8501, 24.9176, 27.6265

Rectangle

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



23.8558, 24.9176, 23.9743



22.9228, 24.9176, 24.7159



23.5119, 24.9176, 30.5534



24.4607, 24.9176, 29.6986

Sweetspot

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



23.8565, 24.9187, 23.9748



44.2894, 46.5047, 48.8099



23.1826, 22.9126, 25.7797



9.8358, 10.3224, 10.7344



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.



23.8565, 24.9187, 23.9748



41.3220, 43.0689, 40.1166



24.5655, 26.5735, 24.2569



5.6486, 5.9035, 5.7312



12.6874, 10.5065, 1.3593



0.1432, 0.1443, 0.0203

Inverse Universe

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



22.3097, 23.5921, 28.9695



37.9867, 40.2084, 50.8868



21.6451, 22.0536, 28.7075



5.3077, 5.6111, 6.8321



5.8917, 4.7693, 23.5871



0.0775, 0.0879, 0.2326

Previews

White Background



This preview shows how the XYZ color 23.8558, 24.9176, 23.9743 looks on a white background.

Color Contrast Check

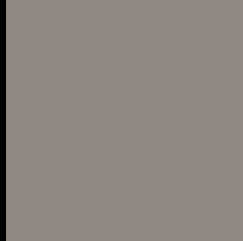
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8558, 24.9176, 23.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

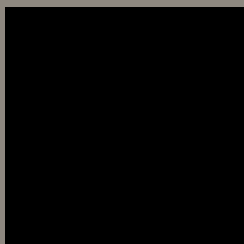
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

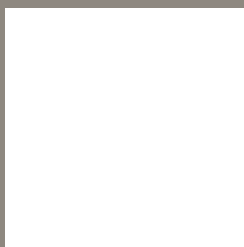
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8558, 24.9176, 23.9743

Background



This preview shows how black text looks on a background with the XYZ color 23.8558, 24.9176, 23.9743.



This preview shows how white text looks on a background with the XYZ color 23.8558, 24.9176,

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

23.8558, 24.9176, 23.9743

Protanopia

23.6849, 24.8296, 23.9663

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

25.0607, 24.9931, 29.8889

Trichromacy



Original Color

23.8558, 24.9176, 23.9743

Protanomaly

23.6849, 24.8296, 23.9663

Deuteranomaly

24.7444, 24.7496, 24.2419

Tritanomaly

24.5791, 25.0026, 27.5753

Monochromacy



Original Color

23.8558, 24.9176, 23.9743

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8962, 25.1015, 26.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8558, 24.9176, 23.9743 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, 136, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 136, 128)  
}
```

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, 136, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 136, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.8558, 24.9176, 23.9743 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, 136, 128) }
```


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

```
.border{ border-color:rgb(142, 136, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 136, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 136, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 136, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 136,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8558, 24.9176, 23.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 136, 128) }
```

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

```
.background{ background-color: rgb(142,  
136, 128) }
```

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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