

Converting Colors

XYZ(23.9882, 26.3752, 23.3575)

Have a look what the booklet for
XYZ(23.9882, 26.3752, 23.3575)
contains.

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Color

**XYZ(23.8559, 26.2299,
23.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8E7D
RGB	138, 142, 125
RGB Percent	54%, 56%, 49%
CMY	0.4588, 0.4431, 0.5098
CMYK	0.03, 0.00, 0.12, 0.44
HSL	74°, 7%, 52%
HSV	74°, 12%, 56%
XYZ	23.8559, 26.2299, 23.2076
YIQ	138.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

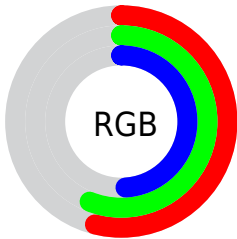
Format	Color
R_{YB}	125, 142, 129
Decimal	9080445
CIE Lab	58.25, -4.67, 8.56
CIE LCh	58, 9.747, 118.611
Yxy	26.2299, 0.3255, 0.3579
Android (android.graphics.Color)	4287270525 (0xFF8A8E7D)
YUV	138.8660, -6.8359, -0.7595
Hunter-Lab	51.2151, -6.4816, 8.9840

Details

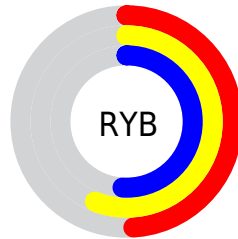
The XYZ color **23.8559, 26.2299, 23.2076** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2704, 21.2881, 28.5804**, and the grayscale version is **24.5143, 25.7909, 28.0863**.

A 20% lighter version of the original color is **49.2617, 53.7706, 49.9019**, and **9.1562, 10.2508, 8.3335** is the 20% darker color. If you saturate the color by 10%, you get **22.4685, 25.6129, 18.7411**, and if you desaturate by 10%, it is **25.3915, 26.9099, 28.3592**.

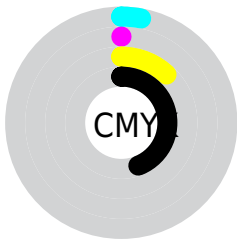
Distribution



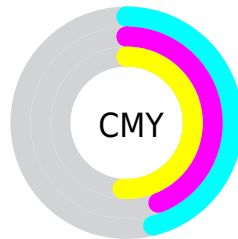
- Red (54%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (56%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8559, 26.2299, 23.2076 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 23.8559, 26.2299, 23.2076 by changing the saturation by 10% instead.

■ 23.8559, 26.2299,
23.2076

■ 23.8559, 26.2299,
23.2076

264.5452,
283.9088, 281.9459

■ 15.3509, 16.9957,
14.5401

■ 49.2513, 53.6456,
49.6615

■ 9.1540, 10.2314,
8.3543

■ 66.8725, 72.5959,
68.2850

■ 4.8997, 5.5527,
4.2315

■ 88.2631, 95.5537,
91.0643

■ 2.2227, 2.5750,
1.7532

113.7885,
122.9034, 118.4178

■ 0.7546, 0.9141,
0.3968

143.8141,
155.0293, 150.7642

■ 0.0000, 0.0000,
0.0000

178.7051,

192.3160, 188.5220

218.8270,
235.1477, 232.1097

■ 23.8559, 26.2299,
23.2076

■ 23.8559, 26.2299,
23.2076

■ 22.4685, 25.6129,
18.7411

■ 25.3915, 26.9099,
28.3592

■ 21.2215, 25.0531,
14.9291

■ 27.0785, 27.6515,
34.2214

■ 20.1096, 24.5493,
11.7413

■ 28.9225, 28.4580,
40.8204

■ 19.1263, 24.0989,
9.1444

■ 30.9284, 29.3313,
48.1805

■ 18.2646, 23.6990,
7.1017

■ 33.1007, 30.2731,
56.3250

■ 17.5165, 23.3464,
5.5727

■ 35.4438, 31.2854,
65.2762

■ 16.8732, 23.0376,
4.5113

■ 37.9619, 32.3696,
75.0555

■ 16.3241, 22.7683,
3.8632

■ 40.6590, 33.5276,
85.6834

■ 15.9278, 22.5712,
3.5172

■ 43.5391, 34.7609,
97.1799

Harmonies

Analogous

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



24.9860, 26.2299, 22.5225



23.8559, 26.2299, 23.2076



23.0365, 26.2299, 25.2953

Triad

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



23.8559, 26.2299, 23.2076



23.7631, 26.2299, 34.4980



27.2777, 26.2299, 28.7184

Complementary

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



23.8559, 26.2299, 23.2076



21.2704, 21.2881, 28.5804

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.



26.9260, 26.2299, 32.0939



23.8559, 26.2299, 23.2076



24.8755, 26.2299, 35.5899

Square

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



23.8559, 26.2299, 23.2076



22.9842, 26.2299, 31.7987



26.0374, 26.2299, 34.6777



26.9842, 26.2299, 25.5488

Rectangle

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



23.8559, 26.2299, 23.2076



22.7639, 26.2299, 27.2910



26.0374, 26.2299, 34.6777



27.2308, 26.2299, 29.8675

Sweetspot

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



23.8566, 26.2310, 23.2082



44.1803, 47.1892, 47.9871



22.7037, 22.9240, 22.6306



9.8255, 10.5212, 10.5748



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.



23.8566, 26.2310, 23.2082



41.4769, 45.9918, 38.9921



22.5100, 25.5368, 23.1451



5.7172, 6.2223, 5.7891



14.3168, 20.2732, 3.1585



0.1562, 0.2038, 0.0311

Inverse Universe

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



21.2704, 21.2881, 28.5804



36.1179, 35.7491, 50.1245



22.6102, 21.9788, 28.6432



5.2411, 5.3125, 6.7779



4.9737, 2.0576, 23.1121



0.0645, 0.0284, 0.2218

Previews

White Background



This preview shows how the XYZ color 23.8559, 26.2299, 23.2076 looks on a white background.

Color Contrast Check

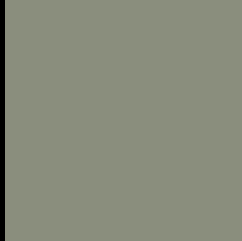
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8559, 26.2299, 23.2076 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

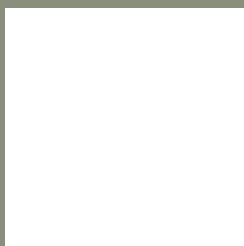
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8559, 26.2299, 23.2076

Background



This preview shows how black text looks on a background with the XYZ color 23.8559, 26.2299, 23.2076.



This preview shows how white text looks on a background with the XYZ color 23.8559, 26.2299,

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

23.8559, 26.2299, 23.2076

Protanopia

24.8702, 26.3224, 22.8387

Deuteranopia

26.5304, 26.1034, 23.3788



Tritanopia

25.6686, 26.0977, 32.1182

Trichromacy



Original Color

23.8559, 26.2299, 23.2076

Protanomaly

24.4907, 26.3446, 22.8630

Deuteranomaly

25.6169, 26.2626, 23.4577

Tritanomaly

24.9507, 26.0214, 28.5185

Monochromacy



Original Color

23.8559, 26.2299, 23.2076

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3286, 25.9664, 26.2840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8559, 26.2299, 23.2076 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(138, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 142, 125)  
}
```

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(138, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.8559, 26.2299, 23.2076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

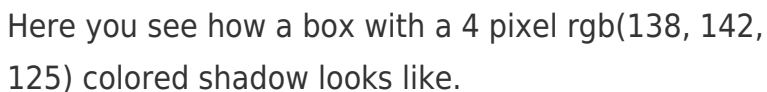
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 142, 125) }
```


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

```
.border{ border-color:rgb(138, 142, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 142, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 142, 125); box-shadow:4px 4px 4px 4px rgb(138, 142, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8559, 26.2299, 23.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 142, 125) }
```

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

```
.background{ background-color: rgb(138,  
142, 125) }
```

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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