

Converting Colors

XYZ(23.3347, 26.3489, 25.9423)

Have a look what the booklet for
XYZ(23.3347, 26.3489, 25.9423)
contains.

XYZ(23.4128, 26.3858, 26.0493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.4128, 26.3858,
26.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	829085
RGB	130, 144, 133
RGB Percent	51%, 56%, 52%
CMY	0.4902, 0.4353, 0.4784
CMYK	0.10, 0.00, 0.08, 0.44
HSL	133°, 6%, 54%
HSV	133°, 10%, 56%
XYZ	23.4128, 26.3858, 26.0493
YIQ	138.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

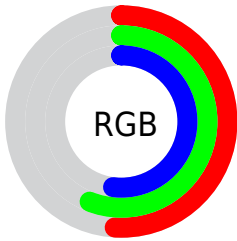
Format	Color
R_{YB}	130, 142, 144
Decimal	8556677
CIE _{Lab}	58.40, -7.27, 4.12
CIE _{LCh}	58, 8.352, 150.442
Yxy	26.3858, 0.3087, 0.3479
Android (android.graphics.Color)	4286746757 (0xFF829085)
YUV	138.5600, -2.7411, -7.5071
Hunter-Lab	51.3671, -8.5333, 5.8898

Details

The XYZ color **23.4128, 26.3858, 26.0493** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2929, 23.8182, 28.5175**, and the grayscale version is **24.3837, 25.6535, 27.9367**.

A 20% lighter version of the original color is **48.5854, 54.0006, 54.3168**, and **8.9963, 10.3948, 9.9198** is the 20% darker color. If you saturate the color by 10%, you get **20.6167, 25.0306, 22.0554**, and if you desaturate by 10%, it is **26.6038, 27.9363, 30.5024**.

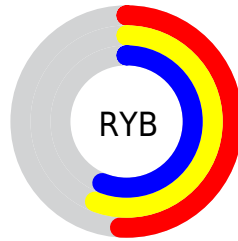
Distribution



Red (51%)

Green (56%)

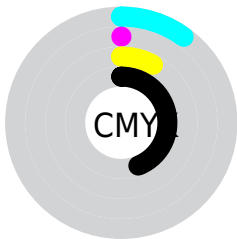
Blue (52%)



Red (51%)

Yellow (56%)

Blue (56%)

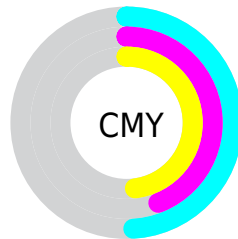


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (44%)



Cyan (49%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4128, 26.3858, 26.0493 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 23.4128, 26.3858, 26.0493 by changing the saturation by 10% instead.

■ 23.4128, 26.3858,
26.0493

■ 23.4128, 26.3858,
26.0493

262.3341,
284.6708, 296.6372

■ 15.0210, 17.1125,
16.6344

■ 48.5319, 53.8967,
54.3395

■ 8.9205, 10.3147,
9.8150

■ 65.9900, 72.9030,
74.0520

■ 4.7461, 5.6081,
5.1725

■ 87.2008, 95.9225,
98.0340

■ 2.1323, 2.6083,
2.2883

112.5298,
123.3396, 126.7042

■ 0.7067, 0.9308,
0.7247

142.3422,
155.5385, 160.4811

■ 0.0000, 0.0000,
0.0000

177.0035,

192.9038, 199.7832

216.8790,
235.8197, 245.0290

■ 23.4128, 26.3858,
26.0493

■ 23.4128, 26.3858,
26.0493

■ 20.6167, 25.0306,
22.0554

■ 26.6038, 27.9363,
30.5024

■ 18.1978, 23.8597,
18.5044

■ 30.2020, 29.6860,
35.4269

■ 16.1404, 22.8661,
15.3816

■ 34.2220, 31.6428,
40.8367

■ 14.4269, 22.0410,
12.6706

■ 38.6770, 33.8133,
46.7447

■ 13.0381, 21.3748,
10.3542

■ 43.5794, 36.2036,
53.1631

■ 11.9527, 20.8571,
8.4140

■ 48.9415, 38.8198,
60.1038

■ 11.1472, 20.4761,
6.8300

■ 54.7747, 41.6675,
67.5783

■ 10.5941, 20.2181,
5.5802

■ 61.0904, 44.7524,
75.5978

■ 10.2283, 20.0499,
4.6389

■ 66.1852, 47.1961,
84.0929

Harmonies

Analogous

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



24.0992, 26.3858, 24.1580



23.4128, 26.3858, 26.0493



23.1701, 26.3858, 28.7729

Triad

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



23.4128, 26.3858, 26.0493



25.0940, 26.3858, 34.7145



26.8065, 26.3858, 25.9792

Complementary

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



23.4128, 26.3858, 26.0493



24.2929, 23.8182, 28.5175

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.



27.0898, 26.3858, 28.6864



23.4128, 26.3858, 26.0493



26.0848, 26.3858, 33.8444

Square

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



23.4128, 26.3858, 26.0493



24.1247, 26.3858, 33.8927



26.8222, 26.3858, 31.5878



26.0580, 26.3858, 24.1195

Rectangle

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



23.4128, 26.3858, 26.0493



23.2873, 26.3858, 30.7345



26.8222, 26.3858, 31.5878



26.9601, 26.3858, 26.8140

Sweetspot

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



23.4135, 26.3869, 26.0499



44.9638, 48.3199, 51.0840



25.0221, 27.2398, 25.0584



10.2116, 11.0324, 11.5760



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.



23.4135, 26.3869, 26.0499



39.9854, 45.9031, 44.0915



23.8989, 26.5811, 28.6058



5.3872, 6.0471, 6.0051



8.9062, 17.4583, 4.0601



0.0920, 0.1697, 0.0750

Inverse Universe

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



24.2929, 23.8182, 28.5175



41.9059, 40.2927, 49.4805



23.8021, 23.6219, 25.9330



5.5775, 5.4915, 6.5389



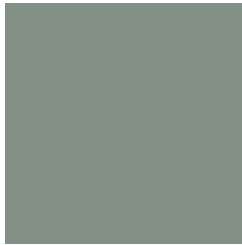
12.6273, 6.2079, 14.2206



0.1287, 0.0625, 0.1779

Previews

White Background



This preview shows how the XYZ color 23.4128, 26.3858, 26.0493 looks on a white background.

Color Contrast Check

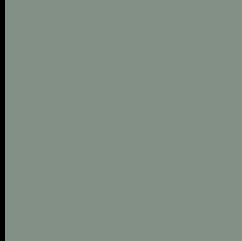
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4128, 26.3858, 26.0493 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

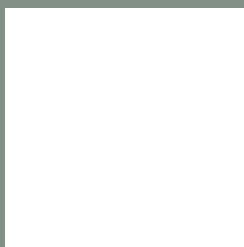
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4128, 26.3858, 26.0493

Background



This preview shows how black text looks on a background with the XYZ color 23.4128, 26.3858, 26.0493.



This preview shows how white text looks on a background with the XYZ color 23.4128, 26.3858,

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

23.4128, 26.3858, 26.0493

Protanopia

25.1519, 26.4146, 25.2456

Deuteranopia

26.8876, 26.4255, 26.6052



Tritanopia

24.8652, 26.3033, 33.4723

Trichromacy



Original Color

23.4128, 26.3858, 26.0493

Protanomaly

24.5050, 26.2911, 25.6129

Deuteranomaly

25.5683, 26.3895, 26.3003

Tritanomaly

24.2996, 26.2959, 30.5829

Monochromacy



Original Color

23.4128, 26.3858, 26.0493

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1936, 26.0901, 27.4277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4128, 26.3858, 26.0493 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(130, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 133)  
}
```

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(130, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.4128, 26.3858, 26.0493 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(130, 144, 133) }
```


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

```
.border{ border-color:rgb(130, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 144,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4128, 26.3858, 26.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 133) }
```

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

```
.background{ background-color: rgb(130,  
144, 133) }
```

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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