

Converting Colors

XYZ(23.9127, 26.9329, 23.2121)

Have a look what the booklet for
XYZ(23.9127, 26.9329, 23.2121)
contains.

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Color

**XYZ(23.9804, 26.9657,
23.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	88917D
RGB	136, 145, 125
RGB Percent	53%, 57%, 49%
CMY	0.4667, 0.4314, 0.5098
CMYK	0.06, 0.00, 0.14, 0.43
HSL	87°, 8%, 53%
HSV	87°, 14%, 57%
XYZ	23.9804, 26.9657, 23.3430
YIQ	140.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

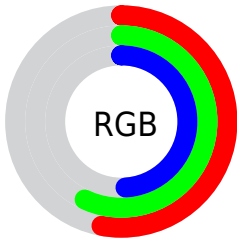
Format	Color
RYB	125, 145, 134
Decimal	8950141
CIELab	58.94, -7.08, 9.51
CIELCh	59, 11.860, 126.683
Yxy	26.9657, 0.3228, 0.3630
Android (android.graphics.Color)	4287140221 (0xFF88917D)
YUV	140.0290, -7.4093, -3.5334
Hunter-Lab	51.9285, -8.4442, 9.6978

Details

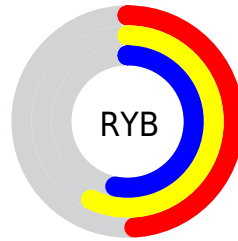
The XYZ color **23.9804, 26.9657, 23.3430** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2770, 21.7806, 29.8194**, and the grayscale version is **24.9667, 26.2669, 28.6047**.

A 20% lighter version of the original color is **49.4456, 54.8800, 50.1063**, and **9.2345, 10.6847, 8.4131** is the 20% darker color. If you saturate the color by 10%, you get **22.0932, 26.0930, 18.7672**, and if you desaturate by 10%, it is **26.0689, 27.9282, 28.6353**.

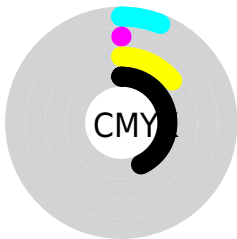
Distribution



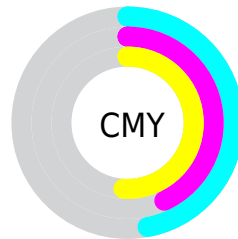
- Red (53%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9804, 26.9657, 23.3430 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 23.9804, 26.9657, 23.3430 by changing the saturation by 10% instead.

■ 23.9804, 26.9657,
23.3430

■ 23.9804, 26.9657,
23.3430

265.1637,
287.4910, 282.6607

■ 15.4437, 17.5475,
14.6393

■ 49.4531, 54.8288,
49.8862

■ 9.2197, 10.6256,
8.4228

■ 67.1199, 74.0425,
68.5629

■ 4.9430, 5.8157,
4.2751

■ 88.5607, 97.2901,
91.4009

■ 2.2483, 2.7333,
1.7774

114.1410,
124.9561, 118.8188

■ 0.7680, 0.9941,
0.4130

144.2261,
157.4247, 151.2352

■ 0.0000, 0.0000,
0.0000

179.1814,

195.0805, 189.0686

219.3721,
238.3078, 232.7376

■ 23.9804, 26.9657,
23.3430

■ 23.9804, 26.9657,
23.3430

■ 22.0932, 26.0930,
18.7672

■ 26.0689, 27.9282,
28.6353

■ 20.3982, 25.3035,
14.8754

■ 28.3630, 28.9796,
34.6714

■ 18.8886, 24.5954,
11.6351

■ 30.8699, 30.1239,
41.4790

■ 17.5564, 23.9654,
9.0106

■ 33.5954, 31.3634,
49.0842

■ 16.3930, 23.4097,
6.9626

■ 36.5452, 32.7007,
57.5116

■ 15.3887, 22.9245,
5.4474

■ 39.7250, 34.1379,
66.7850

■ 14.5328, 22.5053,
4.4150

■ 43.1399, 35.6774,
76.9270

■ 13.8125, 22.1467,
3.8051

■ 46.7951, 37.3213,
87.9595

■ 13.4122, 21.9460,
3.5291

■ 50.6141, 39.0392,
99.4754

Harmonies

Analogous

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



25.3030, 26.9657, 22.0410



23.9804, 26.9657, 23.3430



23.1241, 26.9657, 26.2758

Triad

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



23.9804, 26.9657, 23.3430



24.5289, 26.9657, 37.4289



28.5374, 26.9657, 28.4302

Complementary

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



23.9804, 26.9657, 23.3430



22.2770, 21.7806, 29.8194

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.



28.3109, 26.9657, 32.6788



23.9804, 26.9657, 23.3430



25.9600, 26.9657, 38.1451

Square

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



23.9804, 26.9657, 23.3430



23.4322, 26.9657, 34.4605



27.3538, 26.9657, 36.3336



27.9613, 26.9657, 24.7913

Rectangle

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



23.9804, 26.9657, 23.3430



22.9139, 26.9657, 28.8958



27.3538, 26.9657, 36.3336



28.5529, 26.9657, 29.8313

Sweetspot

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



23.9811, 26.9669, 23.3436



46.5699, 49.9607, 50.9868



23.9048, 24.5516, 22.8814



10.3001, 11.0867, 11.1881



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.



23.9811, 26.9669, 23.3436



41.7005, 47.7164, 38.7412



22.4320, 26.1683, 23.2711



5.6085, 6.1663, 5.7840



11.5337, 18.8384, 3.0283



0.1357, 0.1932, 0.0301

Inverse Universe

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



22.2770, 21.7806, 29.8194



37.9532, 36.3116, 52.9820



23.9471, 22.6415, 29.8976



5.3457, 5.3664, 6.7828



6.2977, 2.7402, 23.1741



0.0850, 0.0390, 0.2227

Previews

White Background



This preview shows how the XYZ color 23.9804, 26.9657, 23.3430 looks on a white background.

Color Contrast Check

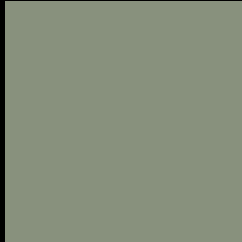
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9804, 26.9657, 23.3430 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

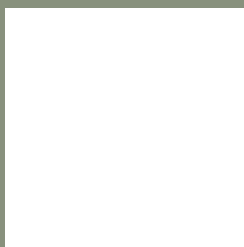
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9804, 26.9657, 23.3430

Background



This preview shows how black text looks on a background with the XYZ color 23.9804, 26.9657, 23.3430.



This preview shows how white text looks on a background with the XYZ color 23.9804, 26.9657,

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

23.9804, 26.9657, 23.3430

Protanopia

25.3128, 26.7757, 22.5730

Deuteranopia

27.4744, 27.0007, 23.8423



Tritanopia

26.0076, 26.8922, 33.5257

Trichromacy



Original Color

23.9804, 26.9657, 23.3430

Protanomaly

24.8127, 26.7305, 22.9205

Deuteranomaly

26.0929, 26.9379, 23.5630

Tritanomaly

25.2029, 26.7880, 29.4334

Monochromacy



Original Color

23.9804, 26.9657, 23.3430

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6936, 26.5842, 26.7514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9804, 26.9657, 23.3430 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(136, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 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(136, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.9804, 26.9657, 23.3430 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(136, 145, 125) }
```


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

```
.border{ border-color:rgb(136, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 125);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9804, 26.9657, 23.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 125) }
```

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

```
.background{ background-color: rgb(136,  
145, 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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