

Converting Colors

XYZ(23.0800, 26.7684, 23.6892)

Have a look what the booklet for
XYZ(23.0800, 26.7684, 23.6892)
contains.

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Color

**XYZ(23.0980, 26.7313,
23.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	81927E
RGB	129, 146, 126
RGB Percent	51%, 57%, 49%
CMY	0.4941, 0.4274, 0.5059
CMYK	0.12, 0.00, 0.14, 0.43
HSL	111°, 8%, 53%
HSV	111°, 14%, 57%
XYZ	23.0980, 26.7313, 23.6809
YIQ	138.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

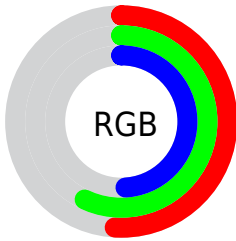
Format	Color
R_{YB}	126, 146, 143
Decimal	8491646
CIE _{Lab}	58.72, -10.07, 8.56
CIE _{LCh}	59, 13.217, 139.631
Yxy	26.7313, 0.3142, 0.3636
Android (android.graphics.Color)	4286681726 (0xFF81927E)
YUV	138.6370, -6.2300, -8.4516
Hunter-Lab	51.7023, -10.7342, 9.0354

Details

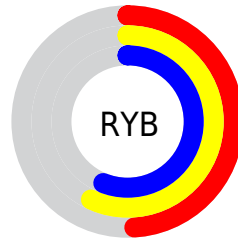
The XYZ color **23.0980, 26.7313, 23.6809** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9781, 22.8375, 30.3399**, and the grayscale version is **24.4259, 25.6979, 27.9851**.

A 20% lighter version of the original color is **48.0824, 54.5083, 50.6348**, and **8.7400, 10.4257, 8.5729** is the 20% darker color. If you saturate the color by 10%, you get **20.4518, 25.4690, 18.9930**, and if you desaturate by 10%, it is **26.1122, 28.1690, 29.1050**.

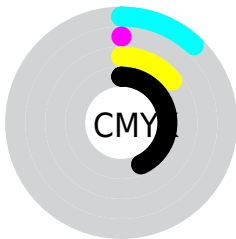
Distribution



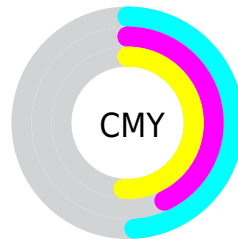
- Red (51%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0980, 26.7313, 23.6809 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 23.0980, 26.7313, 23.6809 by changing the saturation by 10% instead.

■ 23.0980, 26.7313,
23.6809

■ 23.0980, 26.7313,
23.6809

260.7539,
286.3538, 284.4376

■ 14.7870, 17.3715,
14.8871

■ 48.0197, 54.4524,
50.4463

■ 8.7554, 10.4997,
8.5944

■ 65.3610, 73.5825,
69.2549

■ 4.6378, 5.7315,
4.3844

■ 86.4432, 96.7382,
92.2388

■ 2.0689, 2.6825,
1.8385

111.6316,
124.3038, 119.8167

■ 0.6722, 0.9683,
0.4532

141.2915,
156.6638, 152.4069

■ 0.0000, 0.0000,
0.0000

175.7882,

194.2025, 190.4281

215.4873,
237.3044, 234.2989

■ 23.0980, 26.7313,
23.6809

■ 23.0980, 26.7313,
23.6809

■ 20.4518, 25.4690,
18.9930

■ 26.1122, 28.1690,
29.1050

■ 18.1574, 24.3720,
15.0078

■ 29.5055, 29.7849,
35.2933

■ 16.2004, 23.4345,
11.6921

■ 33.2914, 31.5860,
42.2743

■ 14.5648, 22.6489,
9.0090

■ 37.4819, 33.5780,
50.0747

■ 13.2330, 22.0073,
6.9184

■ 42.0886, 35.7662,
58.7199

■ 12.1859, 21.5005,
5.3754

■ 47.1226, 38.1559,
68.2342

■ 11.4021, 21.1188,
4.3286

■ 52.5944, 40.7521,
78.6411

■ 10.8569, 20.8508,
3.7165

■ 58.5145, 43.5596,
89.9628

■ 10.6079, 20.7283,
3.4419

■ 64.5031, 46.4271,
100.1694

Harmonies

Analogous

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



24.3709, 26.7313, 21.4578



23.0980, 26.7313, 23.6809



22.4531, 26.7313, 27.5232

Triad

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



23.0980, 26.7313, 23.6809



24.8485, 26.7313, 38.8363



28.4686, 26.7313, 26.1989

Complementary

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



23.0980, 26.7313, 23.6809



23.9781, 22.8375, 30.3399

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.



28.6099, 26.7313, 30.7480



23.0980, 26.7313, 23.6809



26.4727, 26.7313, 38.3843

Square

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



23.0980, 26.7313, 23.6809



23.4348, 26.7313, 36.4780



27.8656, 26.7313, 35.3018



27.4875, 26.7313, 22.8006

Rectangle

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



23.0980, 26.7313, 23.6809



22.4467, 26.7313, 30.6304



27.8656, 26.7313, 35.3018



28.6174, 26.7313, 27.6327

Sweetspot

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



23.0987, 26.7324, 23.6815



45.8477, 49.5884, 50.9530



25.4436, 27.2636, 23.6604



10.1133, 10.9905, 11.1794



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.



23.0987, 26.7324, 23.6815



39.4599, 46.5426, 39.4814



23.1176, 26.6881, 26.1239



5.8058, 6.5077, 6.1906



9.3473, 18.2466, 3.0293



0.1299, 0.2313, 0.0378

Inverse Universe

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



23.9781, 22.8375, 30.3399



41.2751, 38.5002, 53.2294



23.9761, 22.8975, 27.5831



5.9508, 5.8656, 7.2883



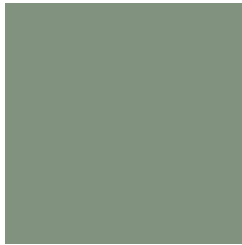
11.9090, 5.6119, 24.3866



0.1644, 0.0783, 0.2994

Previews

White Background



This preview shows how the XYZ color 23.0980, 26.7313, 23.6809 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 23.0980, 26.7313, 23.6809 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

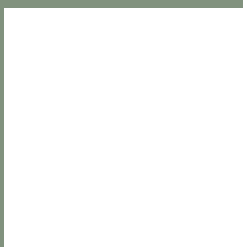
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0980, 26.7313, 23.6809

Background



This preview shows how black text looks on a background with the XYZ color 23.0980, 26.7313, 23.6809.



This preview shows how white text looks on a background with the XYZ color 23.0980, 26.7313,

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

23.0980, 26.7313, 23.6809

Protanopia

25.3128, 26.7757, 22.5730

Deuteranopia

26.9985, 26.5378, 24.1214



Tritanopia

25.0956, 26.6325, 33.9549

Trichromacy



Original Color

23.0980, 26.7313, 23.6809

Protanomaly

24.4451, 26.7629, 22.9461

Deuteranomaly

25.4216, 26.5844, 23.8701

Tritanomaly

24.2961, 26.5336, 29.8276

Monochromacy



Original Color

23.0980, 26.7313, 23.6809

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9678, 26.2181, 26.3516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0980, 26.7313, 23.6809 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(129, 146, 126)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 126)  
}
```

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(129, 146, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.0980, 26.7313, 23.6809 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(129, 146, 126) }
```


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

```
.border{ border-color:rgb(129, 146, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 146, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 146, 126); box-shadow:4px 4px 4px 4px rgb(129, 146, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0980, 26.7313, 23.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 126) }
```

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

```
.background{ background-color: rgb(129,  
146, 126) }
```

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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