

Converting Colors

XYZ(23.3627, 25.7751, 23.8008)

Have a look what the booklet for
XYZ(23.3627, 25.7751, 23.8008)
contains.

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Color

**XYZ(23.3473, 25.7330,
23.8151)**

Conversions

Conversions Part 1

Format	Color
Hex	878D7F
RGB	135, 141, 127
RGB Percent	53%, 55%, 50%
CMY	0.4706, 0.4470, 0.5020
CMYK	0.04, 0.00, 0.10, 0.45
HSL	86°, 6%, 53%
HSV	86°, 10%, 55%
XYZ	23.3473, 25.7330, 23.8151
YIQ	137.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

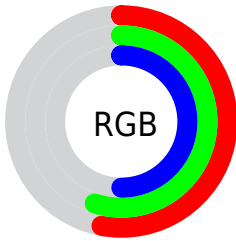
Format	Color
R_{YB}	127, 141, 133
Decimal	8883583
CIE Lab	57.78, -4.89, 6.71
CIE LCh	58, 8.303, 126.089
Yxy	25.7330, 0.3203, 0.3530
Android (android.graphics.Color)	4287073663 (0xFF878D7F)
YUV	137.6100, -5.2307, -2.2890
Hunter-Lab	50.7277, -6.6193, 7.6746

Details

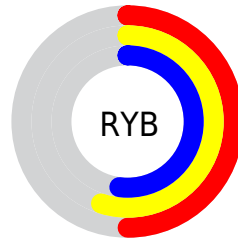
The XYZ color **23.3473, 25.7330, 23.8151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0711, 22.0891, 28.3011**, and the grayscale version is **24.0286, 25.2800, 27.5299**.

A 20% lighter version of the original color is **48.4924, 53.0169, 50.8575**, and **8.8625, 9.9635, 8.6638** is the 20% darker color. If you saturate the color by 10%, you get **21.5469, 24.9045, 19.2649**, and if you desaturate by 10%, it is **25.3330, 26.6437, 29.0465**.

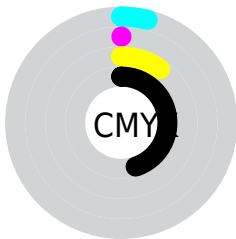
Distribution



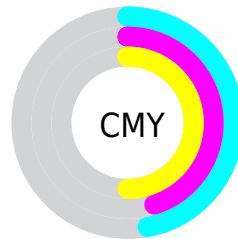
- Red (53%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3473, 25.7330, 23.8151 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 23.3473, 25.7330, 23.8151 by changing the saturation by 10% instead.

■ 23.3473, 25.7330,
23.8151

■ 23.3473, 25.7330,
23.8151

262.0060,
281.4689, 285.1407

■ 14.9723, 16.6240,
14.9856

■ 48.4254, 52.8439,
50.6683

■ 8.8861, 9.9668,
8.6628

■ 65.8593, 71.6146,
69.5292

■ 4.7235, 5.3769,
4.4281

■ 87.0434, 94.3746,
92.5708

■ 2.1190, 2.4701,
1.8630

112.3431,
121.5084, 120.2119

■ 0.6995, 0.8616,
0.4690

142.1239,
153.4003, 152.8708

■ 0.0000, 0.0000,
0.0000

176.7511,

190.4348, 190.9663

216.5900,
232.9962, 234.9167

■ 23.3473, 25.7330,
23.8151

■ 23.3473, 25.7330,
23.8151

■ 21.5469, 24.9045,
19.2649

■ 25.3330, 26.6437,
29.0465

■ 19.9235, 24.1522,
15.3662

■ 27.5077, 27.6356,
34.9837

■ 18.4712, 23.4745,
12.0895

■ 29.8778, 28.7123,
41.6523

■ 17.1828, 22.8685,
9.4025

■ 32.4487, 29.8760,
49.0762

■ 16.0508, 22.3309,
7.2701

■ 35.2254, 31.1288,
57.2779

■ 15.0666, 21.8583,
5.6531

■ 38.2129, 32.4728,
66.2792

■ 14.2209, 21.4468,
4.5076

■ 41.4159, 33.9099,
76.1009

■ 13.5029, 21.0920,
3.7820

■ 44.8391, 35.4422,
86.7633

■ 12.8846, 20.7825,
3.3351

■ 48.4869, 37.0714,
98.2857

Harmonies

Analogous

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



24.2558, 25.7330, 22.9099



23.3473, 25.7330, 23.8151



22.7487, 25.7330, 25.8535

Triad

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



23.3473, 25.7330, 23.8151



23.6902, 25.7330, 33.3395



26.4132, 25.7330, 27.4409

Complementary

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



23.3473, 25.7330, 23.8151



22.0711, 22.0891, 28.3011

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.



26.2518, 25.7330, 30.3019



23.3473, 25.7330, 23.8151



24.6622, 25.7330, 33.8359

Square

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



23.3473, 25.7330, 23.8151



22.9428, 25.7330, 31.3764



25.6043, 25.7330, 32.6903



26.0394, 25.7330, 24.9098

Rectangle

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



23.3473, 25.7330, 23.8151



22.5966, 25.7330, 27.6463



25.6043, 25.7330, 32.6903



26.4199, 25.7330, 28.3947

Sweetspot

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



23.3480, 25.7341, 23.8157



44.2147, 47.1857, 48.9453



23.1810, 23.9254, 23.4753



9.8150, 10.5114, 10.7719



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.



23.3480, 25.7341, 23.8157



41.0307, 45.7247, 40.6446



22.2836, 25.1854, 23.7658



5.6192, 6.1718, 5.7845



11.7623, 18.9563, 3.0390



0.1377, 0.1943, 0.0302

Inverse Universe

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



22.0711, 22.0891, 28.3011



38.2518, 37.7921, 50.4064



23.1852, 22.6635, 28.3532



5.3351, 5.3609, 6.7823



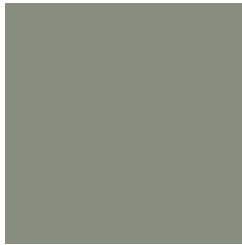
6.1253, 2.6513, 23.1660



0.0830, 0.0379, 0.2226

Previews

White Background



This preview shows how the XYZ color 23.3473, 25.7330, 23.8151 looks on a white background.

Color Contrast Check

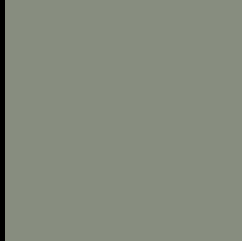
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3473, 25.7330, 23.8151 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

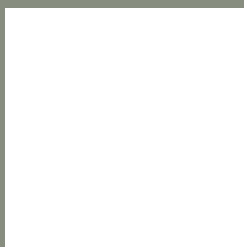
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3473, 25.7330, 23.8151

Background



This preview shows how black text looks on a background with the XYZ color 23.3473, 25.7330, 23.8151.



This preview shows how white text looks on a background with the XYZ color 23.3473, 25.7330,

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

23.3473, 25.7330, 23.8151

Protanopia

24.3560, 25.6126, 23.3987

Deuteranopia

26.1317, 25.6766, 24.0009



Tritanopia

24.9945, 25.7502, 32.0867

Trichromacy



Original Color

23.3473, 25.7330, 23.8151

Protanomaly

23.9830, 25.6343, 23.4225

Deuteranomaly

25.0547, 25.7457, 24.0710

Tritanomaly

24.3569, 25.7067, 28.8774

Monochromacy



Original Color

23.3473, 25.7330, 23.8151

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8522, 25.5048, 26.2200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3473, 25.7330, 23.8151 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(135, 141, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 127)  
}
```

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(135, 141, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.3473, 25.7330, 23.8151 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(135, 141, 127) }
```


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

```
.border{ border-color:rgb(135, 141, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 141, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 141, 127); box-shadow:4px 4px 4px 4px rgb(135, 141, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3473, 25.7330, 23.8151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 127) }
```

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

```
.background{ background-color: rgb(135,  
141, 127) }
```

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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