

Converting Colors

XYZ(23.3799, 25.7647, 23.1429)

Have a look what the booklet for
XYZ(23.3799, 25.7647, 23.1429)
contains.

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Color

**XYZ(23.3799, 25.7647,
23.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	888D7D
RGB	136, 141, 125
RGB Percent	53%, 55%, 49%
CMY	0.4667, 0.4470, 0.5098
CMYK	0.04, 0.00, 0.11, 0.45
HSL	79°, 7%, 52%
HSV	79°, 11%, 55%
XYZ	23.3799, 25.7647, 23.1429
YIQ	137.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

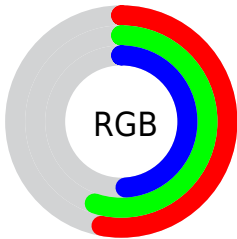
Format	Color
R_{YB}	125, 141, 130
Decimal	8949117
CIE _{Lab}	57.81, -4.88, 7.91
CIE _{LCh}	58, 9.289, 121.661
Yxy	25.7647, 0.3234, 0.3564
Android (android.graphics.Color)	4287139197 (0xFF888D7D)
YUV	137.6810, -6.2517, -1.4742
Hunter-Lab	50.7589, -6.6099, 8.4987

Details

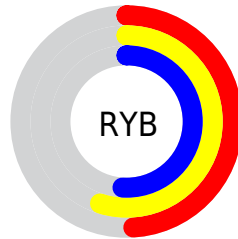
The XYZ color **23.3799, 25.7647, 23.1429** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3483, 21.3369, 28.1940**, and the grayscale version is **24.0591, 25.3120, 27.5648**.

A 20% lighter version of the original color is **48.5373, 53.0634, 49.8036**, and **8.8833, 9.9824, 8.2961** is the 20% darker color. If you saturate the color by 10%, you get **21.8413, 25.0691, 18.6980**, and if you desaturate by 10%, it is **25.0773, 26.5289, 28.2639**.

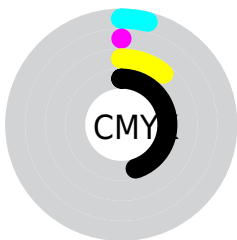
Distribution



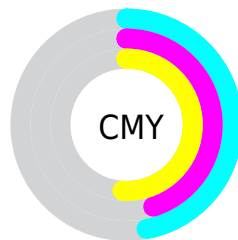
- Red (53%)
- Green (55%)
- Blue (49%)



- Red (49%)
- Yellow (55%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3799, 25.7647, 23.1429 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 23.3799, 25.7647, 23.1429 by changing the saturation by 10% instead.

■ 23.3799, 25.7647,
23.1429

■ 23.3799, 25.7647,
23.1429

262.1693,
281.6251, 281.6038

■ 14.9965, 16.6477,
14.4928

■ 48.4785, 52.8951,
49.5540

■ 8.9032, 9.9836,
8.3215

■ 65.9243, 71.6773,
68.1521

■ 4.7347, 5.3881,
4.2107

■ 87.1217, 94.4500,
90.9032

■ 2.1256, 2.4767,
1.7416

112.4360,
121.5976, 118.2260

■ 0.7031, 0.8650,
0.3890

142.2326,
153.5045, 150.5389

■ 0.0000, 0.0000,
0.0000

176.8768,

190.5552, 188.2604

216.7339,
233.1339, 231.8092

■ 23.3799, 25.7647,
23.1429

■ 23.3799, 25.7647,
23.1429

■ 21.8413, 25.0691,
18.6980

■ 25.0773, 26.5289,
28.2639

■ 20.4536, 24.4363,
14.8992

■ 26.9368, 27.3606,
34.0859

■ 19.2115, 23.8651,
11.7169

■ 28.9641, 28.2629,
40.6346

■ 18.1083, 23.3528,
9.1184

■ 31.1642, 29.2378,
47.9339

■ 17.1371, 22.8965,
7.0681

■ 33.5417, 30.2872,
56.0066

■ 16.2898, 22.4930,
5.5263

■ 36.1010, 31.4129,
64.8746

■ 15.5576, 22.1386,
4.4481

■ 38.8465, 32.6168,
74.5588

■ 14.9300, 21.8292,
3.7808

■ 41.7823, 33.9004,
85.0794

■ 14.4466, 21.5878,
3.4054

■ 44.9124, 35.2655,
96.4559

Harmonies

Analogous

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



24.4265, 25.7647, 22.3502



23.3799, 25.7647, 23.1429



22.6488, 25.7647, 25.2373

Triad

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



23.3799, 25.7647, 23.1429



23.4845, 25.7647, 33.8148



26.6958, 25.7647, 27.8757

Complementary

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



23.3799, 25.7647, 23.1429



21.3483, 21.3369, 28.1940

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.



26.4253, 25.7647, 31.0715



23.3799, 25.7647, 23.1429



24.5508, 25.7647, 34.6525

Square

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



23.3799, 25.7647, 23.1429



22.7079, 25.7647, 31.4028



25.6318, 25.7647, 33.6135



26.3600, 25.7647, 24.9510

Rectangle

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



23.3799, 25.7647, 23.1429



22.4271, 25.7647, 27.1719



25.6318, 25.7647, 33.6135



26.6727, 25.7647, 28.9537

Sweetspot

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



23.3806, 25.7658, 23.1435



44.3652, 47.2633, 48.9524



22.6432, 23.0564, 22.6593



9.8568, 10.5329, 10.7739



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.



23.3806, 25.7658, 23.1435



41.0261, 45.7594, 38.9710



22.1596, 25.1364, 23.0863



5.6778, 6.2020, 5.7872



13.1886, 19.6916, 3.1057



0.1489, 0.2000, 0.0308

Inverse Universe

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



21.3483, 21.3369, 28.1940



36.5307, 35.9619, 50.1438



22.5905, 21.9772, 28.2521



5.2784, 5.3317, 6.7797



5.3490, 2.2511, 23.1297



0.0719, 0.0322, 0.2221

Previews

White Background



This preview shows how the XYZ color 23.3799, 25.7647, 23.1429 looks on a white background.

Color Contrast Check

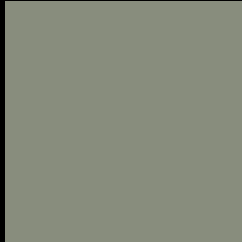
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3799, 25.7647, 23.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

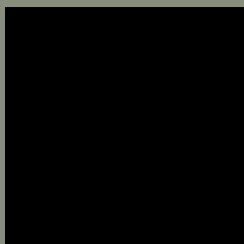
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

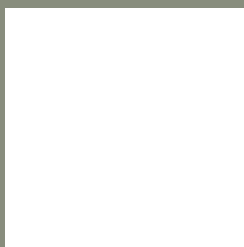
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3799, 25.7647, 23.1429

Background



This preview shows how black text looks on a background with the XYZ color 23.3799, 25.7647, 23.1429.



This preview shows how white text looks on a background with the XYZ color 23.3799, 25.7647,

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

23.3799, 25.7647, 23.1429

Protanopia

24.4036, 25.6519, 22.7339

Deuteranopia

26.1956, 25.7247, 23.3234



Tritanopia

25.0812, 25.8040, 31.6757

Trichromacy



Original Color

23.3799, 25.7647, 23.1429

Protanomaly

24.0260, 25.6713, 22.7575

Deuteranomaly

25.1060, 25.7872, 23.3929

Tritanomaly

24.4475, 25.7620, 28.4950

Monochromacy



Original Color

23.3799, 25.7647, 23.1429

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7828, 25.4771, 25.8544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3799, 25.7647, 23.1429 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, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 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, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.3799, 25.7647, 23.1429 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, 141, 125) }
```


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

```
.border{ border-color:rgb(136, 141, 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, 141, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3799, 25.7647, 23.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 125) }
```

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

```
.background{ background-color: rgb(136,  
141, 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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