

Converting Colors

XYZ(22.2941, 23.5108, 23.0353)

Have a look what the booklet for
XYZ(22.2941, 23.5108, 23.0353)
contains.

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Color

**XYZ(22.3068, 23.5157,
23.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	88857E
RGB	136, 133, 126
RGB Percent	53%, 52%, 49%
CMY	0.4667, 0.4784, 0.5059
CMYK	0.00, 0.02, 0.07, 0.47
HSL	42°, 4%, 51%
HSV	42°, 7%, 53%
XYZ	22.3068, 23.5157, 23.1019
YIQ	133.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

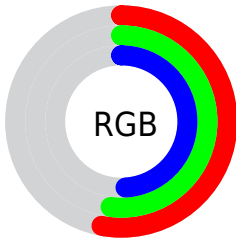
Format	Color
R_{YB}	130, 136, 126
Decimal	8947070
CIE _{Lab}	55.60, -0.20, 4.16
CIE _{LCh}	56, 4.166, 92.799
Yxy	23.5157, 0.3236, 0.3412
Android (android.graphics.Color)	4287137150 (0xFF88857E)
YUV	133.0990, -3.4998, 2.5442
Hunter-Lab	48.4930, -2.7526, 5.6995

Details

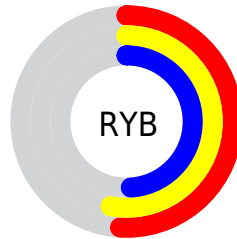
The XYZ color **22.3068, 23.5157, 23.1019** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.8983, 21.9133, 26.4211**, and the grayscale version is **22.3423, 23.5058, 25.5978**.

A 20% lighter version of the original color is **46.6819, 49.1913, 49.6823**, and **8.3476, 8.8549, 8.2904** is the 20% darker color. If you saturate the color by 10%, you get **20.9412, 22.0945, 18.6074**, and if you desaturate by 10%, it is **23.8148, 25.0301, 28.2331**.

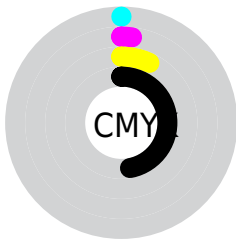
Distribution



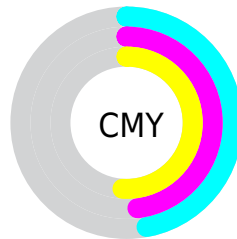
- Red (53%)
- Green (52%)
- Blue (49%)



- Red (51%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3068, 23.5157, 23.1019 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 22.3068, 23.5157, 23.1019 by changing the saturation by 10% instead.

■ 22.3068, 23.5157,
23.1019

■ 22.3068, 23.5157,
23.1019

256.7466,
270.3628, 281.3868

■ 14.2004, 14.9748,
14.4628

■ 46.7276, 49.2387,
49.4859

■ 8.3428, 8.8017,
8.3008

■ 63.7728, 67.1896,
68.0679

■ 4.3687, 4.6120,
4.1975

■ 84.5281, 89.0459,
90.8012

■ 1.9128, 2.0215,
1.7343

109.3592,
115.1921, 118.1043

■ 0.5842, 0.6199,
0.3841

138.6312,
146.0124, 150.3960

■ 0.0000, 0.0000,
0.0000

172.7095,

181.8914, 188.0946

211.9596,
223.2134, 231.6187

■ 22.3068, 23.5157,
23.1019

■ 22.3068, 23.5157,
23.1019

■ 20.9412, 22.0945,
18.6074

■ 23.8148, 25.0301,
28.2331

■ 19.7108, 20.7608,
14.7229

■ 25.4678, 26.6367,
34.0232

■ 18.6112, 19.5134,
11.4217

■ 27.2711, 28.3390,
40.4955

■ 17.6364, 18.3493,
8.6750

■ 29.2290, 30.1388,
47.6714

■ 16.7802, 17.2658,
6.4513

■ 31.3456, 32.0382,
55.5716

■ 16.0359, 16.2597,
4.7158

■ 33.6249, 34.0393,
64.2157

■ 15.3958, 15.3275,
3.4296

■ 36.0706, 36.1437,
73.6227

■ 14.8512, 14.4653,
2.5479

■ 38.6865, 38.3535,
83.8110

■ 14.3850, 13.6658,
1.9830

■ 41.4760, 40.6703,
94.7981

Harmonies

Analogous

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



22.7672, 23.5157, 23.3677



22.3068, 23.5157, 23.1019



21.8643, 23.5157, 23.4870

Triad

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



22.3068, 23.5157, 23.1019



21.5988, 23.5157, 27.0345



23.1657, 23.5157, 26.8078

Complementary

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



22.3068, 23.5157, 23.1019



20.8983, 21.9133, 26.4211

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.



22.8448, 23.5157, 27.8458



22.3068, 23.5157, 23.1019



21.9398, 23.5157, 27.9799

Square

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



22.3068, 23.5157, 23.1019



21.4591, 23.5157, 25.7314



22.3952, 23.5157, 28.2818



23.2672, 23.5157, 25.4782

Rectangle

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



22.3068, 23.5157, 23.1019



21.6378, 23.5157, 24.0692



22.3952, 23.5157, 28.2818



23.0797, 23.5157, 27.2040

Sweetspot

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



22.3075, 23.5167, 23.1024



40.6906, 42.8386, 45.3712



21.5770, 21.7412, 23.8284



9.4319, 9.9294, 10.5362



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.3075, 23.5167, 23.1024



38.8498, 40.9692, 39.1705



22.4019, 24.1833, 23.2261



5.3066, 5.5961, 5.3529



13.5115, 12.7574, 1.7503



0.1026, 0.1104, 0.0159

Inverse Universe

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



20.8983, 21.9133, 26.4211



35.7817, 37.4781, 46.3965



20.8072, 21.2888, 26.3054



4.8889, 5.1208, 6.3366



4.9562, 3.1828, 22.3988



0.0445, 0.0444, 0.1527

Previews

White Background



This preview shows how the XYZ color 22.3068, 23.5157, 23.1019 looks on a white background.

Color Contrast Check

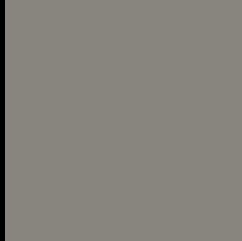
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3068, 23.5157, 23.1019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

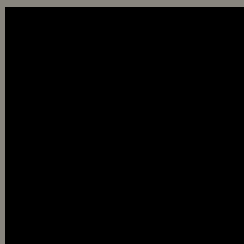
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

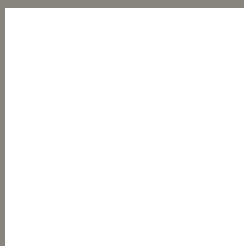
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3068, 23.5157, 23.1019

Background



This preview shows how black text looks on a background with the XYZ color 22.3068, 23.5157, 23.1019.



This preview shows how white text looks on a background with the XYZ color 22.3068, 23.5157,

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

22.3068, 23.5157, 23.1019

Protanopia

22.4700, 23.5998, 23.1096

Deuteranopia

23.8938, 23.5287, 23.3608



Tritanopia

23.4053, 23.5590, 28.5130

Trichromacy



Original Color

22.3068, 23.5157, 23.1019

Protanomaly

22.4700, 23.5998, 23.1096

Deuteranomaly

23.3150, 23.4269, 23.3717

Tritanomaly

23.0117, 23.5985, 26.6347

Monochromacy



Original Color

22.3068, 23.5157, 23.1019

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2483, 23.4551, 24.4738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3068, 23.5157, 23.1019 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, 133, 126) looks like.

```
.text, #text, p{  
    color:rgb(136, 133, 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(136, 133, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 133, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.3068, 23.5157, 23.1019 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, 133, 126) }
```


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

```
.border{ border-color:rgb(136, 133, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 133, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 133, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 133, 126); box-shadow:4px 4px 4px 4px rgb(136, 133, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3068, 23.5157, 23.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 133, 126) }
```

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

```
.background{ background-color: rgb(136,  
133, 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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