

Converting Colors

XYZ(23.6598, 23.0960, 23.8776)

Have a look what the booklet for
XYZ(23.6598, 23.0960, 23.8776)
contains.

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Color

**XYZ(23.5844, 22.9668,
23.9589)**

Conversions

Conversions Part 1

Format	Color
Hex	937F81
RGB	147, 127, 129
RGB Percent	58%, 50%, 51%
CMY	0.4235, 0.5019, 0.4941
CMYK	0.00, 0.14, 0.12, 0.42
HSL	354°, 8%, 54%
HSV	354°, 14%, 58%
XYZ	23.5844, 22.9668, 23.9589
YIQ	133.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

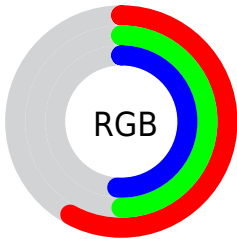
Format	Color
R_{YB}	147, 127, 129
Decimal	9666433
CIE _{Lab}	55.04, 8.00, 1.74
CIE _{LCh}	55, 8.182, 12.246
Yxy	22.9668, 0.3345, 0.3257
Android (android.graphics.Color)	4287856513 (0xFF937F81)
YUV	133.2080, -2.0745, 12.0956
Hunter-Lab	47.9237, 3.9777, 3.9052

Details

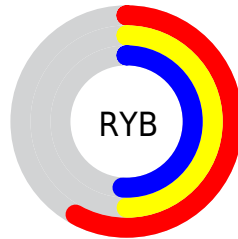
The XYZ color **23.5844, 22.9668, 23.9589** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2978, 27.4242, 30.8021**, and the grayscale version is **22.3751, 23.5403, 25.6354**.

A 20% lighter version of the original color is **48.8521, 48.4374, 51.0305**, and **8.9962, 8.5148, 8.7588** is the 20% darker color. If you saturate the color by 10%, you get **20.9994, 19.1142, 19.0353**, and if you desaturate by 10%, it is **26.5617, 27.4211, 29.5758**.

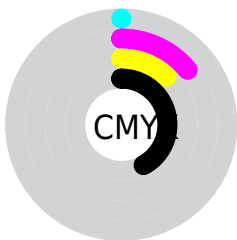
Distribution



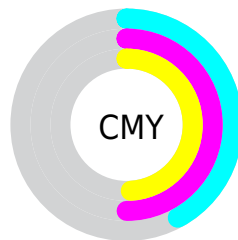
- Red (58%)
- Green (50%)
- Blue (51%)



- Red (58%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5844, 22.9668, 23.9589 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 23.5844, 22.9668, 23.9589 by changing the saturation by 10% instead.

■ 23.5844, 22.9668,
23.9589

■ 23.5844, 22.9668,
23.9589

263.1922,
267.5544, 285.8925

■ 15.1487, 14.5690,
15.0912

■ 48.8108, 48.3388,
50.9061

■ 9.0108, 8.5175,
8.7361

■ 66.3321, 66.0818,
69.8227

■ 4.8054, 4.4278,
4.4750

■ 87.6128, 87.7086,
92.9261

■ 2.1671, 1.9156,
1.8894

113.0180,
113.6037, 120.6347

■ 0.7253, 0.5578,
0.4860

142.9132,
144.1515, 153.3671

■ 0.0000, 0.0000,
0.0000

177.6637,

179.7362, 191.5418

217.6350,
220.7424, 235.5774

■ 23.5844, 22.9668,
23.9589

■ 23.5844, 22.9668,
23.9589

■ 20.9994, 19.1142,
19.0353

■ 26.5617, 27.4211,
29.5758

■ 18.7884, 15.8345,
14.7766

■ 29.9445, 32.4980,
35.9099

■ 16.9346, 13.1013,
11.1548

■ 33.7482, 38.2214,
42.9857

■ 15.4192, 10.8848,
8.1392

■ 37.9864, 44.6128,
50.8263

■ 14.2216, 9.1526,
5.6965

■ 42.6723, 51.6929,
59.4536

■ 13.3191, 7.8682,
3.7904

■ 47.8186, 59.4813,
68.8887

■ 12.6857, 6.9903,
2.3801

■ 53.4373, 67.9971,
79.1518

■ 12.2908, 6.4696,
1.4193

■ 59.5400, 77.2584,
90.2626

■ 12.1166, 6.2366,
1.0053

■ 64.7496, 84.5058,
101.7772

Harmonies

Analogous

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



23.5386, 22.9668, 26.5665



23.5844, 22.9668, 23.9589



23.1504, 22.9668, 21.7866

Triad

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



23.5844, 22.9668, 23.9589



20.6738, 22.9668, 21.4775



21.3000, 22.9668, 30.0900

Complementary

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



23.5844, 22.9668, 23.9589



24.2978, 27.4242, 30.8021

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.



20.5593, 22.9668, 28.5300



23.5844, 22.9668, 23.9589



20.2047, 22.9668, 23.5097

Square

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



23.5844, 22.9668, 23.9589



21.4602, 22.9668, 20.4221



20.1634, 22.9668, 26.0851



22.2025, 22.9668, 30.2312

Rectangle

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



23.5844, 22.9668, 23.9589



22.6543, 22.9668, 20.8289



20.1634, 22.9668, 26.0851



21.0245, 22.9668, 29.7094

Sweetspot

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



23.5850, 22.9678, 23.9594



47.2962, 48.6998, 52.4549



24.5335, 23.3061, 30.8093



10.7064, 10.9819, 11.8046



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.5850, 22.9678, 23.9594



40.9069, 39.1461, 40.3829



24.5280, 25.0641, 23.6251



5.8229, 5.8242, 6.1738



10.5093, 5.4088, 0.8968



0.1333, 0.0681, 0.0354

Inverse Universe

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



23.5850, 22.9678, 23.9594



40.9069, 39.1461, 40.3829



23.2523, 25.0846, 31.2201



5.8229, 5.8242, 6.1738



10.5093, 5.4088, 0.8968



0.1333, 0.0681, 0.0354

Previews

White Background



This preview shows how the XYZ color 23.5844, 22.9668, 23.9589 looks on a white background.

Color Contrast Check

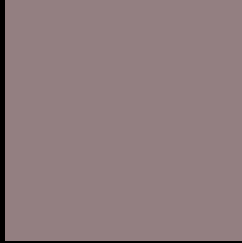
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5844, 22.9668, 23.9589 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

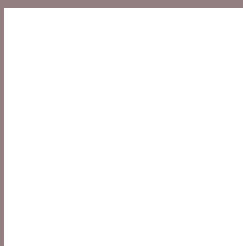
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5844, 22.9668, 23.9589

Background



This preview shows how black text looks on a background with the XYZ color 23.5844, 22.9668, 23.9589.



This preview shows how white text looks on a background with the XYZ color 23.5844, 22.9668,

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

23.5844, 22.9668, 23.9589

Protanopia

22.0445, 22.9396, 24.7386

Deuteranopia

23.5357, 23.1343, 23.9938



Tritanopia

24.1175, 22.9952, 26.4599

Trichromacy



Original Color

23.5844, 22.9668, 23.9589

Protanomaly

22.6594, 23.0659, 24.3770

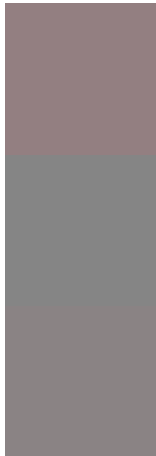
Deuteranomaly

23.5357, 23.1343, 23.9938

Tritanomaly

23.9072, 22.9111, 25.3525

Monochromacy



Original Color

23.5844, 22.9668, 23.9589

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7624, 23.3018, 25.1278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5844, 22.9668, 23.9589 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(147, 127, 129) looks like.

```
.text, #text, p{  
    color:rgb(147, 127, 129)  
}
```

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(147, 127, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 127, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.5844, 22.9668, 23.9589 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(147, 127, 129) }
```


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

```
.border{ border-color:rgb(147, 127, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 127, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 127, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 127, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 127,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5844, 22.9668, 23.9589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 127, 129) }
```

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

```
.background{ background-color: rgb(147,  
127, 129) }
```

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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