

Converting Colors

XYZ(23.5950, 24.4681, 19.3988)

Have a look what the booklet for
XYZ(23.5950, 24.4681, 19.3988)
contains.

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Color

**XYZ(23.5950, 24.4681,
19.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	938672
RGB	147, 134, 114
RGB Percent	58%, 53%, 45%
CMY	0.4235, 0.4745, 0.5529
CMYK	0.00, 0.09, 0.22, 0.42
HSL	36°, 13%, 51%
HSV	36°, 22%, 58%
XYZ	23.5950, 24.4681, 19.3988
YIQ	135.6070, 14.1680, -3.4640

Conversions

Conversions Part 2

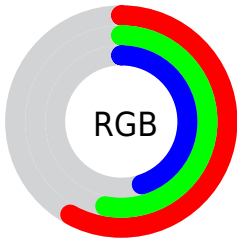
Format	Color
R_{YB}	135, 147, 114
Decimal	9668210
CIE _{Lab}	56.55, 1.51, 12.55
CIE _{LCh}	57, 12.644, 83.135
Yxy	24.4681, 0.3498, 0.3627
Android (android.graphics.Color)	4287858290 (0xFF938672)
YUV	135.6070, -10.6523, 9.9917
Hunter-Lab	49.4652, -1.4194, 11.3739

Details

The XYZ color **23.5950, 24.4681, 19.3988** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7952, 20.8624, 30.5876**, and the grayscale version is **23.2902, 24.5031, 26.6839**.

A 20% lighter version of the original color is **48.7407, 50.7113, 43.2958**, and **9.0557, 9.3771, 6.4869** is the 20% darker color. If you saturate the color by 10%, you get **22.0464, 22.6039, 15.0810**, and if you desaturate by 10%, it is **25.3232, 26.4759, 24.4406**.

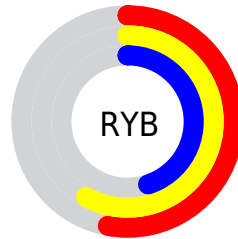
Distribution



Red (58%)

Green (53%)

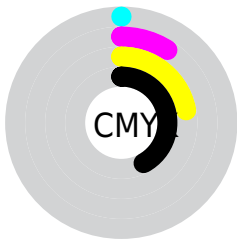
Blue (45%)



Red (53%)

Yellow (58%)

Blue (45%)

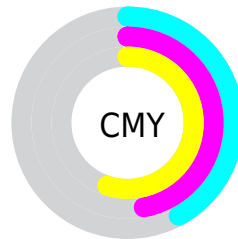


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5950, 24.4681, 19.3988 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 23.5950, 24.4681, 19.3988 by changing the saturation by 10% instead.

■ 23.5950, 24.4681,
19.3988

■ 23.5950, 24.4681,
19.3988

263.2451,
275.1786, 261.1373

■ 15.1566, 15.6812,
11.7791

■ 48.8280, 50.7930,
43.2525

■ 9.0164, 9.2989,
6.4727

■ 66.3533, 69.0998,
60.3236

■ 4.8091, 4.9366,
3.0612

■ 87.6382, 91.3487,
81.3822

■ 2.1693, 2.2101,
1.1260

■ 113.0481,
117.9241, 106.8469

■ 0.7265, 0.7255,
0.0000

142.9484,
149.2104, 137.1363

■ 0.0000, 0.0000,
0.0000

177.7045,

185.5920, 172.6687

217.6816,
227.4532, 213.8629

■ 23.5950, 24.4681,
19.3988

■ 23.5950, 24.4681,
19.3988

■ 22.0464, 22.6039,
15.0810

■ 25.3232, 26.4759,
24.4406

■ 20.6683, 20.8761,
11.4516

■ 27.2358, 28.6279,
30.2365

■ 19.4539, 19.2816,
8.4743

■ 29.3397, 30.9286,
36.8169

■ 18.3946, 17.8159,
6.1090

■ 31.6408, 33.3815,
44.2101

■ 17.4815, 16.4741,
4.3109

■ 34.1449, 35.9899,
52.4428

■ 16.7040, 15.2508,
3.0289

■ 36.8573, 38.7569,
61.5405

■ 16.0499, 14.1399,
2.2030

■ 39.7833, 41.6857,
71.5279

■ 15.6137, 13.3651,
1.7568

■ 42.9279, 44.7791,
82.4283

■ 46.2960, 48.0401,
94.2644

Harmonies

Analogous

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



24.9899, 24.4681, 20.6868



23.5950, 24.4681, 19.3988



22.1654, 24.4681, 19.8817

Triad

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



23.5950, 24.4681, 19.3988



20.7574, 24.4681, 29.9435



25.5868, 24.4681, 31.7881

Complementary

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



23.5950, 24.4681, 19.3988



19.7952, 20.8624, 30.5876

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.



24.3822, 24.4681, 34.7826



23.5950, 24.4681, 19.3988



21.6046, 24.4681, 33.6418

Square

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



23.5950, 24.4681, 19.3988



20.5665, 24.4681, 25.6876



22.9206, 24.4681, 35.4942



26.1708, 24.4681, 27.6190

Rectangle

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



23.5950, 24.4681, 19.3988



21.3803, 24.4681, 21.1704



22.9206, 24.4681, 35.4942



25.2387, 24.4681, 32.9825

Sweetspot

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



23.5956, 24.4692, 19.3993



47.1250, 49.4259, 49.1035



21.8941, 19.7755, 22.8105



10.7176, 11.2378, 11.0881



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.



23.5956, 24.4692, 19.3993



40.8002, 42.0835, 30.6339



24.9205, 27.9849, 20.0081



6.0756, 6.3650, 6.1488



13.5607, 11.6357, 1.5312



0.1948, 0.2000, 0.0283

Inverse Universe

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



19.7952, 20.8624, 30.5876



32.7437, 34.4388, 54.3562



18.6606, 17.9443, 30.0841



5.6757, 5.9854, 7.3259



5.8958, 4.4865, 24.4863



0.0995, 0.1096, 0.3088

Previews

White Background



This preview shows how the XYZ color 23.5950, 24.4681, 19.3988 looks on a white background.

Color Contrast Check

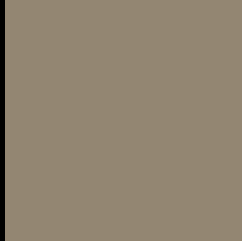
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5950, 24.4681, 19.3988 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 23.5950, 24.4681, 19.3988

Background



This preview shows how black text looks on a background with the XYZ color 23.5950, 24.4681, 19.3988.

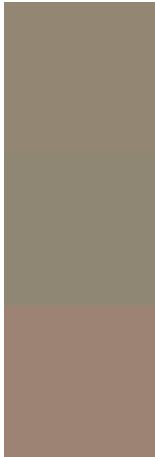


This preview shows how white text looks on a background with the XYZ color 23.5950, 24.4681,

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

23.5950, 24.4681, 19.3988

Protanopia

23.0862, 24.4054, 19.7136

Deuteranopia

24.9211, 24.5383, 19.6425



Tritanopia

25.2939, 24.3427, 28.1764

Trichromacy



Original Color

23.5950, 24.4681, 19.3988

Protanomaly

23.2601, 24.4950, 19.7217

Deuteranomaly

24.4826, 24.5126, 19.6607

Tritanomaly

24.6075, 24.2609, 24.8586

Monochromacy



Original Color

23.5950, 24.4681, 19.3988

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3755, 24.4619, 23.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5950, 24.4681, 19.3988 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, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 114)  
}
```

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, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.5950, 24.4681, 19.3988 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, 134, 114) }
```


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

```
.border{ border-color:rgb(147, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5950, 24.4681, 19.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 114) }
```

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

```
.background{ background-color: rgb(147,  
134, 114) }
```

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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