

Converting Colors

XYZ(23.5262, 24.2706, 27.4970)

Have a look what the booklet for
XYZ(23.5262, 24.2706, 27.4970)
contains.

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Color

**XYZ(23.5938, 24.2884,
27.4894)**

Conversions

Conversions Part 1

Format	Color
Hex	8A868A
RGB	138, 134, 138
RGB Percent	54%, 53%, 54%
CMY	0.4588, 0.4745, 0.4588
CMYK	0.00, 0.03, 0.00, 0.46
HSL	300°, 2%, 53%
HSV	300°, 3%, 54%
XYZ	23.5938, 24.2884, 27.4894
YIQ	135.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

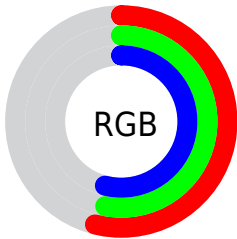
Format	Color
R_{YB}	138, 134, 138
Decimal	9078410
CIE Lab	56.38, 2.27, -1.62
CIE LCh	56, 2.792, 324.527
Yxy	24.2884, 0.3130, 0.3222
Android (android.graphics.Color)	4287268490 (0xFF8A868A)
YUV	135.6520, 1.1576, 2.0592
Hunter-Lab	49.2833, -0.7909, 1.4273

Details

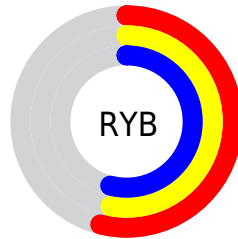
The XYZ color **23.5938, 24.2884, 27.4894** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2240, 24.9672, 26.1506**, and the grayscale version is **23.2678, 24.4795, 26.6582**.

A 20% lighter version of the original color is **48.6602, 50.3786, 56.4496**, and **8.9563, 9.1199, 10.5208** is the 20% darker color. If you saturate the color by 10%, you get **21.8098, 20.7202, 26.8948**, and if you desaturate by 10%, it is **25.6281, 28.3565, 28.1681**.

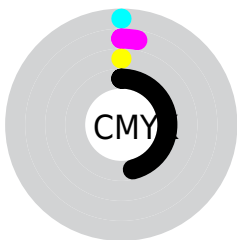
Distribution



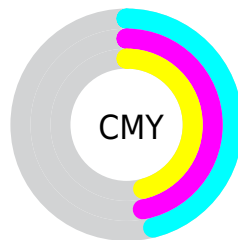
- Red (54%)
- Green (53%)
- Blue (54%)



- Red (54%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5938, 24.2884, 27.4894 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 23.5938, 24.2884, 27.4894 by changing the saturation by 10% instead.

■ 23.5938, 24.2884,
27.4894

■ 23.5938, 24.2884,
27.4894

263.2391,
274.2753, 303.8538

■ 15.1557, 15.5477,
17.7054

■ 48.8260, 50.5004,
56.6815

■ 9.0157, 9.2047,
10.5715

■ 66.3509, 68.7405,
76.9266

■ 4.8086, 4.8749,
5.6689

■ 87.6353, 90.9159,
101.4960

■ 2.1690, 2.1741,
2.5793

113.0447,
117.4109, 130.8080

■ 0.7263, 0.7058,
0.8818

142.9444,
148.6099, 165.2812

■ 0.0000, 0.0000,
0.0000

177.6999,

184.8974, 205.3342

217.6763,
226.6578, 251.3856

■ 23.5938, 24.2884,
27.4894

■ 23.5938, 24.2884,
27.4894

■ 21.8098, 20.7202,
26.8948

■ 25.6281, 28.3565,
28.1681

■ 20.2645, 17.6296,
26.3794

■ 27.9196, 32.9396,
28.9322

■ 18.9484, 14.9975,
25.9404

■ 30.4778, 38.0557,
29.7852

■ 17.8505, 12.8018,
25.5742

■ 33.3106, 43.7213,
30.7297

■ 16.9591, 11.0192,
25.2768

■ 36.4261, 49.9521,
31.7685

■ 16.2613, 9.6236,
25.0439

■ 39.8316, 56.7632,
32.9039

■ 15.7427, 8.5865,
24.8708

■ 43.5346, 64.1689,
34.1385

■ 15.3870, 7.8752,
24.7519

■ 47.5418, 72.1834,
35.4745

■ 15.1749, 7.4510,
24.6809

■ 50.8295, 78.7586,
36.5707

Harmonies

Analogous

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



23.3436, 24.2884, 28.0938



23.5938, 24.2884, 27.4894



23.7078, 24.2884, 26.6156

Triad

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



23.5938, 24.2884, 27.4894



23.1446, 24.2884, 24.7182



22.5261, 24.2884, 27.1896

Complementary

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



23.5938, 24.2884, 27.4894



23.2240, 24.9672, 26.1506

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.



22.4739, 24.2884, 26.2770



23.5938, 24.2884, 27.4894



22.8291, 24.2884, 24.8638

Square

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



23.5938, 24.2884, 27.4894



23.4469, 24.2884, 25.0266



22.5843, 24.2884, 25.4292



22.7276, 24.2884, 27.9179

Rectangle

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



23.5938, 24.2884, 27.4894



23.6905, 24.2884, 26.0032



22.5843, 24.2884, 25.4292



22.4906, 24.2884, 26.8936

Sweetspot

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



23.5945, 24.2894, 27.4899



42.2271, 44.0905, 48.6678



22.9451, 23.9547, 27.4596



9.4767, 9.9000, 10.9177



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.



23.5945, 24.2894, 27.4899



41.5326, 42.7015, 48.4362



23.4511, 24.2321, 26.7346



5.4670, 5.5952, 6.3977



13.8154, 6.6363, 22.5958



0.0918, 0.0441, 0.1501

Inverse Universe

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



23.5945, 24.2894, 27.4899



41.5326, 42.7015, 48.4362



23.3648, 25.0236, 26.8919



5.4670, 5.5952, 6.3977



13.8154, 6.6363, 22.5958



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 23.5938, 24.2884, 27.4894 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 23.5938, 24.2884, 27.4894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

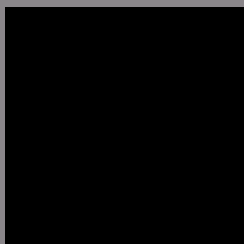
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

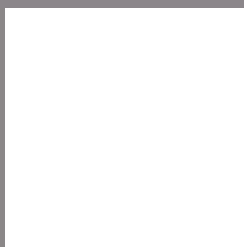
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5938, 24.2884, 27.4894

Background



This preview shows how black text looks on a background with the XYZ color 23.5938, 24.2884, 27.4894.



This preview shows how white text looks on a background with the XYZ color 23.5938, 24.2884,

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

23.5938, 24.2884, 27.4894

Protanopia

23.4291, 24.2035, 27.4817

Deuteranopia

24.8091, 24.2997, 27.8088



Tritanopia

24.0690, 24.2776, 29.8030

Trichromacy



Original Color

23.5938, 24.2884, 27.4894

Protanomaly

23.4291, 24.2035, 27.4817

Deuteranomaly

24.4131, 24.2959, 27.8290

Tritanomaly

23.9175, 24.2170, 29.0050

Monochromacy



Original Color

23.5938, 24.2884, 27.4894

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4959, 24.4525, 27.1483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5938, 24.2884, 27.4894 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(138, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 134, 138)  
}
```

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(138, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 134, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.5938, 24.2884, 27.4894 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(138, 134, 138) }
```


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

```
.border{ border-color:rgb(138, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 134,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5938, 24.2884, 27.4894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 134, 138) }
```

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

```
.background{ background-color: rgb(138,  
134, 138) }
```

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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