

Converting Colors

XYZ(24.8184, 23.6944, 24.3633)

Have a look what the booklet for
XYZ(24.8184, 23.6944, 24.3633)
contains.

XYZ(24.8853, 23.8224, 24.4057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.8853, 23.8224,
24.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	998082
RGB	153, 128, 130
RGB Percent	60%, 50%, 51%
CMY	0.4000, 0.4980, 0.4902
CMYK	0.00, 0.16, 0.15, 0.40
HSL	355°, 11%, 55%
HSV	355°, 16%, 60%
XYZ	24.8853, 23.8224, 24.4057
YIQ	135.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

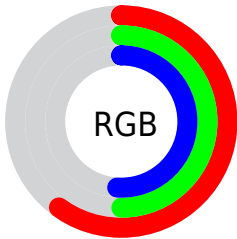
Format	Color
R_{YB}	153, 128, 130
Decimal	10059906
CIE _{Lab}	55.91, 9.91, 2.49
CIE _{LCh}	56, 10.222, 14.110
Yxy	23.8224, 0.3404, 0.3258
Android (android.graphics.Color)	4288249986 (0xFF998082)
YUV	135.7030, -2.8116, 15.1695
Hunter-Lab	48.8082, 5.5955, 4.5188

Details

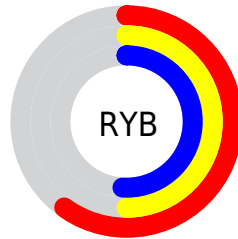
The XYZ color **24.8853, 23.8224, 24.4057** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8802, 29.6066, 33.6302**, and the grayscale version is **23.2977, 24.5110, 26.6925**.

A 20% lighter version of the original color is **51.0835, 49.8765, 51.7345**, and **9.7607, 9.0108, 9.0094** is the 20% darker color. If you saturate the color by 10%, you get **22.1570, 19.7758, 19.1489**, and if you desaturate by 10%, it is **28.0452, 28.5247, 30.4448**.

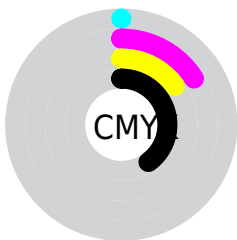
Distribution



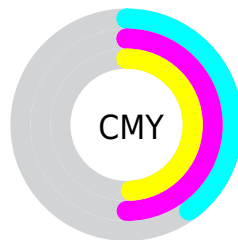
- Red (60%)
- Green (50%)
- Blue (51%)



- Red (60%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8853, 23.8224, 24.4057 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 24.8853, 23.8224, 24.4057 by changing the saturation by 10% instead.

■ 24.8853, 23.8224,
24.4057

■ 24.8853, 23.8224,
24.4057

269.6244,
271.9214, 288.2175

■ 16.1199, 15.2019,
15.4199

■ 50.9153, 49.7402,
51.6435

■ 9.7004, 8.9612,
8.9647

■ 68.9106, 67.8064,
70.7326

■ 5.2615, 4.7159,
4.6217

■ 90.7133, 89.7899,
94.0265

■ 2.4378, 2.0816,
1.9722

116.6887,
116.0751, 121.9438

■ 0.8640, 0.6542,
0.5381

147.2022,
147.0465, 154.9030

■ 0.0000, 0.0000,
0.0000

182.6190,

183.0884, 193.3227

223.3047,
224.5852, 237.6213

■ 24.8853, 23.8224,
24.4057

■ 24.8853, 23.8224,
24.4057

■ 22.1570, 19.7758,
19.1489

■ 28.0452, 28.5247,
30.4448

■ 19.8397, 16.3528,
14.6410

■ 31.6521, 33.9067,
37.2948

■ 17.9139, 13.5234,
10.8483

■ 35.7234, 39.9950,
44.9847

■ 16.3581, 11.2536,
7.7340

■ 40.2746, 46.8139,
53.5417

■ 15.1483, 9.5064,
5.2580

■ 45.3208, 54.3865,
62.9916

■ 14.2580, 8.2401,
3.3760

■ 50.8762, 62.7350,
73.3593

■ 13.6567, 7.4065,
2.0379

■ 56.9545, 71.8805,
84.6686

■ 13.3019, 6.9357,
1.1836

■ 63.5690, 81.8434,
96.9425

■ 13.2047, 6.7994,
0.9715

■ 66.9469, 85.5123,
107.5848

Harmonies

Analogous

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



24.8661, 23.8224, 27.7350



24.8853, 23.8224, 24.4057



24.2893, 23.8224, 21.7243

Triad

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



24.8853, 23.8224, 24.4057



21.1187, 23.8224, 21.5994



22.0347, 23.8224, 32.6114

Complementary

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



24.8853, 23.8224, 24.4057



25.8802, 29.6066, 33.6302

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.



21.0718, 23.8224, 30.6653



24.8853, 23.8224, 24.4057



20.5555, 23.8224, 24.2213

Square

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



24.8853, 23.8224, 24.4057



22.1007, 23.8224, 20.2007



20.5386, 23.8224, 27.5343



23.1930, 23.8224, 32.6715

Rectangle

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



24.8853, 23.8224, 24.4057



23.6348, 23.8224, 20.5843



20.5386, 23.8224, 27.5343



21.6783, 23.8224, 32.1490

Sweetspot

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



24.8860, 23.8235, 24.4062



50.9815, 52.2110, 55.9625



26.2167, 24.3107, 33.4478



11.1703, 11.3993, 12.1917



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.8860, 23.8235, 24.4062



42.4936, 39.5853, 39.7225



26.1822, 26.6284, 24.1833



6.2278, 6.2303, 6.5799



10.9190, 5.6218, 0.8325



0.1679, 0.0859, 0.0370

Inverse Universe

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



24.8860, 23.8235, 24.4062



42.4936, 39.5853, 39.7225



24.4128, 26.4100, 33.9481



6.2278, 6.2303, 6.5799



10.9190, 5.6218, 0.8325



0.1679, 0.0859, 0.0370

Previews

White Background



This preview shows how the XYZ color 24.8853, 23.8224, 24.4057 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 24.8853, 23.8224, 24.4057 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 24.8853, 23.8224, 24.4057

Background



This preview shows how black text looks on a background with the XYZ color 24.8853, 23.8224, 24.4057.



This preview shows how white text looks on a background with the XYZ color 24.8853, 23.8224,

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

24.8853, 23.8224, 24.4057

Protanopia

22.9377, 23.7869, 25.5727

Deuteranopia

24.4063, 23.9665, 24.4587



Tritanopia

25.4312, 23.8549, 26.9310

Trichromacy



Original Color

24.8853, 23.8224, 24.4057

Protanomaly

23.6088, 23.7382, 25.1674

Deuteranomaly

24.4572, 23.7962, 24.4232

Tritanomaly

25.2189, 23.7700, 25.8131

Monochromacy



Original Color

24.8853, 23.8224, 24.4057

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8459, 24.2471, 25.9776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8853, 23.8224, 24.4057 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(153, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 130)  
}
```

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(153, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.8853, 23.8224, 24.4057 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(153, 128, 130) }
```


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

```
.border{ border-color:rgb(153, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8853, 23.8224, 24.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 130) }
```

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

```
.background{ background-color: rgb(153,  
128, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor