

Converting Colors

XYZ(23.4530, 23.8785, 24.6414)

Have a look what the booklet for
XYZ(23.4530, 23.8785, 24.6414)
contains.

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Color

**XYZ(23.4359, 23.8650,
24.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8482
RGB	142, 132, 130
RGB Percent	56%, 52%, 51%
CMY	0.4431, 0.4823, 0.4902
CMYK	0.00, 0.07, 0.08, 0.44
HSL	10°, 5%, 53%
HSV	10°, 8%, 56%
XYZ	23.4359, 23.8650, 24.4903
YIQ	134.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

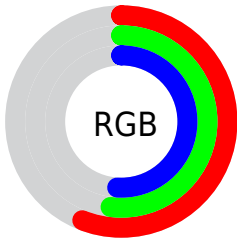
Format	Color
R_{YB}	142, 132, 130
Decimal	9340034
CIE Lab	55.95, 3.39, 2.43
CIE LCh	56, 4.172, 35.551
Yxy	23.8650, 0.3264, 0.3324
Android (android.graphics.Color)	4287530114 (0xFF8E8482)
YUV	134.7620, -2.3477, 6.3477
Hunter-Lab	48.8518, 0.1419, 4.4731

Details

The XYZ color **23.4359, 23.8650, 24.4903** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4665, 25.4547, 29.2681**, and the grayscale version is **22.9482, 24.1433, 26.2921**.

A 20% lighter version of the original color is **48.6612, 49.8526, 51.8575**, and **8.9921, 9.0559, 9.0586** is the 20% darker color. If you saturate the color by 10%, you get **21.0336, 20.4817, 19.3071**, and if you desaturate by 10%, it is **26.1531, 27.6669, 30.4281**.

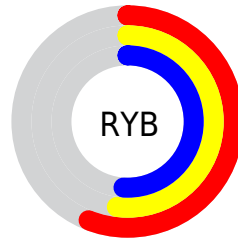
Distribution



Red (56%)

Green (52%)

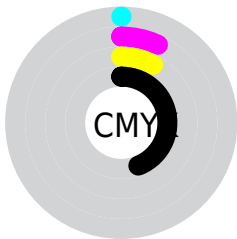
Blue (51%)



Red (56%)

Yellow (52%)

Blue (51%)

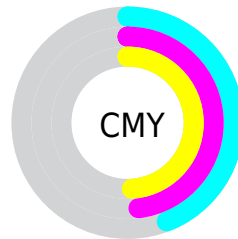


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (44%)



Cyan (44%)

Magenta (48%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4359, 23.8650, 24.4903 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 23.4359, 23.8650, 24.4903 by changing the saturation by 10% instead.

■ 23.4359, 23.8650,
24.4903

■ 23.4359, 23.8650,
24.4903

262.4498,
272.1373, 288.6560

■ 15.0382, 15.2335,
15.4822

■ 48.5695, 49.8098,
51.7829

■ 8.9327, 8.9834,
9.0081

■ 66.0361, 67.8919,
70.9045

■ 4.7540, 4.7304,
4.6496

■ 87.2563, 89.8930,
94.2344

■ 2.1370, 2.0899,
1.9881

112.5955,
116.1975, 122.1910

■ 0.7092, 0.6590,
0.5479

142.4192,
147.1898, 155.1929

■ 0.0000, 0.0000,
0.0000

177.0925,

183.2542, 193.6587

216.9809,
224.7753, 238.0069

■ 23.4359, 23.8650,
24.4903

■ 23.4359, 23.8650,
24.4903

■ 21.0336, 20.4817,
19.3071

■ 26.1531, 27.6669,
30.4281

■ 18.9327, 17.4997,
14.8467

■ 29.1939, 31.8979,
37.1473

■ 17.1219, 14.9049,
11.0774

■ 32.5695, 36.5719,
44.6757

■ 15.5882, 12.6814,
7.9644

■ 36.2894, 41.7013,
53.0388

■ 14.3176, 10.8120,
5.4700

■ 40.3633, 47.2980,
62.2613

■ 13.2951, 9.2784,
3.5527

■ 44.8002, 53.3735,
72.3668

■ 12.5038, 8.0602,
2.1656

■ 49.6087, 59.9388,
83.3779

■ 11.9248, 7.1350,
1.2547

■ 54.7974, 67.0046,
95.3164

■ 11.5266, 6.4737,
0.7052

■ 59.9198, 74.3995,
105.8102

Harmonies

Analogous

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



23.6063, 23.8650, 25.7322



23.4359, 23.8650, 24.4903



23.0639, 23.8650, 23.6708

Triad

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



23.4359, 23.8650, 24.4903



21.8598, 23.8650, 24.9149



22.7716, 23.8650, 28.6825

Complementary

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



23.4359, 23.8650, 24.4903



23.4665, 25.4547, 29.2681

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.



22.3062, 23.8650, 28.4452



23.4359, 23.8650, 24.4903



21.7840, 23.8650, 26.2393

Square

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



23.4359, 23.8650, 24.4903



22.1549, 23.8650, 23.9098



21.9463, 23.8650, 27.5392



23.2194, 23.8650, 28.1767

Rectangle

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



23.4359, 23.8650, 24.4903



22.7541, 23.8650, 23.4579



21.9463, 23.8650, 27.5392



22.6120, 23.8650, 28.6872

Sweetspot

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



23.4366, 23.8660, 24.4908



43.8389, 45.6037, 48.6598



23.8720, 23.6099, 28.1103



9.7113, 10.0734, 10.6929



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.4366, 23.8660, 24.4908



40.5436, 40.9839, 41.4857



24.2735, 25.5399, 24.7698



5.4771, 5.5605, 5.6740



10.3134, 5.7585, 0.5679



0.1096, 0.0771, 0.0091

Inverse Universe

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



23.4665, 25.4547, 29.2681



40.6066, 44.3286, 51.5439



22.6139, 23.7494, 28.9838



5.4847, 5.9653, 6.8911



10.2442, 13.4744, 25.0380



0.1111, 0.1551, 0.2438

Previews

White Background



This preview shows how the XYZ color 23.4359, 23.8650, 24.4903 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 23.4359, 23.8650, 24.4903 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

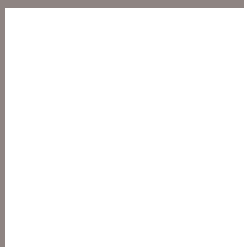
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4359, 23.8650, 24.4903

Background



This preview shows how black text looks on a background with the XYZ color 23.4359, 23.8650, 24.4903.



This preview shows how white text looks on a background with the XYZ color 23.4359, 23.8650,

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

23.4359, 23.8650, 24.4903

Protanopia

22.9384, 24.0073, 24.8976

Deuteranopia

24.2246, 23.8729, 24.4502



Tritanopia

24.1180, 23.7280, 28.5081

Trichromacy



Original Color

23.4359, 23.8650, 24.4903

Protanomaly

23.1317, 23.9027, 24.8672

Deuteranomaly

23.9996, 23.9553, 24.4780

Tritanomaly

23.9593, 23.8784, 27.0131

Monochromacy



Original Color

23.4359, 23.8650, 24.4903

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2400, 24.1469, 25.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4359, 23.8650, 24.4903 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(142, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 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(142, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.4359, 23.8650, 24.4903 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(142, 132, 130) }
```


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

```
.border{ border-color:rgb(142, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4359, 23.8650, 24.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 130) }
```

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

```
.background{ background-color: rgb(142,  
132, 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](#).

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