

Converting Colors

XYZ(23.0423, 23.4145, 26.5987)

Have a look what the booklet for
XYZ(23.0423, 23.4145, 26.5987)
contains.

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Color

**XYZ(23.0415, 23.4134,
26.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8388
RGB	138, 131, 136
RGB Percent	54%, 51%, 53%
CMY	0.4588, 0.4863, 0.4667
CMYK	0.00, 0.05, 0.01, 0.46
HSL	317°, 3%, 53%
HSV	317°, 5%, 54%
XYZ	23.0415, 23.4134, 26.5974
YIQ	133.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

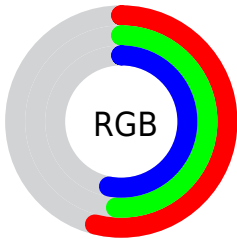
Format	Color
R_{YB}	138, 131, 136
Decimal	9077640
CIE Lab	55.50, 3.59, -1.75
CIE LCh	55, 4.000, 333.980
Yxy	23.4134, 0.3154, 0.3205
Android (android.graphics.Color)	4287267720 (0xFF8A8388)
YUV	133.6630, 1.1521, 3.8035
Hunter-Lab	48.3874, 0.3216, 1.2809

Details

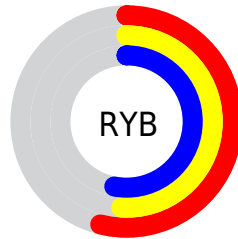
The XYZ color **23.0415, 23.4134, 26.5974** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6831, 24.6964, 25.7629**, and the grayscale version is **22.5322, 23.7056, 25.8154**.

A 20% lighter version of the original color is **47.8117, 49.0315, 55.0882**, and **8.7215, 8.7812, 10.0394** is the 20% darker color. If you saturate the color by 10%, you get **21.0351, 19.8408, 24.5711**, and if you desaturate by 10%, it is **25.3064, 27.4859, 28.7614**.

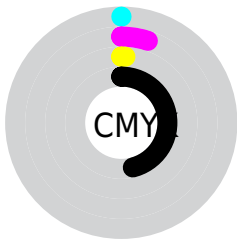
Distribution



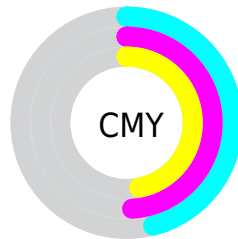
- Red (54%)
- Green (51%)
- Blue (53%)



- Red (54%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0415, 23.4134, 26.5974 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 23.0415, 23.4134, 26.5974 by changing the saturation by 10% instead.

■ 23.0415, 23.4134,
26.5974

■ 23.0415, 23.4134,
26.5974

260.4694,
269.8412, 299.4007

■ 14.7450, 14.8991,
17.0413

■ 47.9276, 49.0712,
55.2330

■ 8.7258, 8.7486,
10.1017

■ 65.2480, 66.9835,
75.1496

■ 4.6184, 4.5775,
5.3599

■ 86.3070, 88.7973,
99.3568

■ 2.0576, 2.0016,
2.3976

111.4700,
114.8968, 128.2732

■ 0.6660, 0.6084,
0.7851

141.1024,
145.6666, 162.3172

■ 0.0000, 0.0000,
0.0000

175.5695,

181.4910, 201.9074

215.2368,
222.7544, 247.4624

■ 23.0415, 23.4134,
26.5974

■ 23.0415, 23.4134,
26.5974

■ 21.0351, 19.8408,
24.5711

■ 25.3064, 27.4859,
28.7614

■ 19.2755, 16.7457,
22.6771

■ 27.8371, 32.0737,
31.0652

■ 17.7529, 14.1083,
20.9119

■ 30.6431, 37.1951,
33.5127

■ 16.4560, 11.9066,
19.2712

■ 33.7327, 42.8668,
36.1072

■ 15.3728, 10.1163,
17.7505

■ 37.1140, 49.1046,
38.8519

■ 14.4900, 8.7112,
16.3446

■ 40.7946, 55.9238,
41.7499

■ 13.7926, 7.6616,
15.0482

■ 44.7819, 63.3389,
44.8042

■ 13.2637, 6.9338,
13.8548

■ 49.0832, 71.3642,
48.0175

■ 12.8798, 6.4809,
12.7561

■ 53.6401, 79.8828,
51.3710

Harmonies

Analogous

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



22.7415, 23.4134, 27.6068



23.0415, 23.4134, 26.5974



23.1294, 23.4134, 25.3214

Triad

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



23.0415, 23.4134, 26.5974



22.1937, 23.4134, 23.0969



21.5429, 23.4134, 26.9054

Complementary

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



23.0415, 23.4134, 26.5974



22.6831, 24.6964, 25.7629

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.



21.4005, 23.4134, 25.6658



23.0415, 23.4134, 26.5974



21.7730, 23.4134, 23.4903

Square

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



23.0415, 23.4134, 26.5974



22.6360, 23.4134, 23.3276



21.4841, 23.4134, 24.4200



21.8758, 23.4134, 27.7889

Rectangle

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



23.0415, 23.4134, 26.5974



23.0548, 23.4134, 24.4979



21.4841, 23.4134, 24.4200



21.4714, 23.4134, 26.5151

Sweetspot

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



23.0422, 23.4144, 26.5979



41.7751, 43.3504, 48.0117



22.3749, 23.0538, 27.3158



9.3821, 9.7451, 10.7805



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.



23.0422, 23.4144, 26.5979



40.2200, 40.5644, 46.4936



22.7987, 23.3170, 25.3156



5.3061, 5.3409, 6.1360



11.6617, 5.7748, 11.2548



0.0838, 0.0409, 0.1081

Inverse Universe

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



23.0422, 23.4144, 26.5979



40.2200, 40.5644, 46.4936



22.9277, 24.7943, 27.0510



5.3061, 5.3409, 6.1360



11.6617, 5.7748, 11.2548



0.0838, 0.0409, 0.1081

Previews

White Background



This preview shows how the XYZ color 23.0415, 23.4134, 26.5974 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 23.0415, 23.4134, 26.5974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

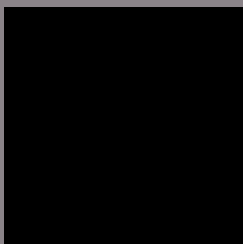
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

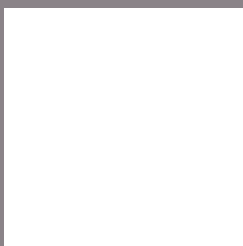
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0415, 23.4134, 26.5974

Background



This preview shows how black text looks on a background with the XYZ color 23.0415, 23.4134, 26.5974.



This preview shows how white text looks on a background with the XYZ color 23.0415, 23.4134,

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

23.0415, 23.4134, 26.5974

Protanopia

22.5981, 23.3770, 26.9881

Deuteranopia

23.7958, 23.4074, 26.5565



Tritanopia

23.4378, 23.3773, 28.4763

Trichromacy



Original Color

23.0415, 23.4134, 26.5974

Protanomaly

22.7583, 23.4596, 26.9956

Deuteranomaly

23.5819, 23.4936, 26.5844

Tritanomaly

23.2903, 23.3183, 27.6995

Monochromacy



Original Color

23.0415, 23.4134, 26.5974

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.7524, 23.6752, 26.2923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0415, 23.4134, 26.5974 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, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 136)  
}
```

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, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.0415, 23.4134, 26.5974 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, 131, 136) }
```


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

```
.border{ border-color:rgb(138, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(138, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0415, 23.4134, 26.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 131, 136) }
```

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

```
.background{ background-color: rgb(138,  
131, 136) }
```

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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