

Converting Colors

XYZ(23.1646, 23.4423, 27.0503)

Have a look what the booklet for
XYZ(23.1646, 23.4423, 27.0503)
contains.

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Color

**XYZ(23.1129, 23.4420,
26.9735)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8389
RGB	138, 131, 137
RGB Percent	54%, 51%, 54%
CMY	0.4588, 0.4863, 0.4627
CMYK	0.00, 0.05, 0.01, 0.46
HSL	309°, 3%, 53%
HSV	309°, 5%, 54%
XYZ	23.1129, 23.4420, 26.9735
YIQ	133.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

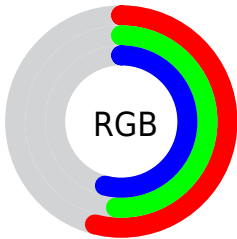
Format	Color
R_{YB}	138, 131, 137
Decimal	9077641
CIE Lab	55.52, 3.79, -2.29
CIE LCh	56, 4.429, 328.851
Yxy	23.4420, 0.3143, 0.3188
Android (android.graphics.Color)	4287267721 (0xFF8A8389)
YUV	133.7770, 1.5889, 3.7036
Hunter-Lab	48.4169, 0.4813, 0.8609

Details

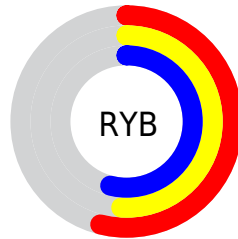
The XYZ color **23.1129, 23.4420, 26.9735** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6143, 24.6689, 25.4007**, and the grayscale version is **22.5725, 23.7480, 25.8616**.

A 20% lighter version of the original color is **47.9206, 49.0751, 55.6619**, and **8.7621, 8.7974, 10.2531** is the 20% darker color. If you saturate the color by 10%, you get **21.2416, 19.9234, 25.6583**, and if you desaturate by 10%, it is **25.2350, 27.4574, 28.3856**.

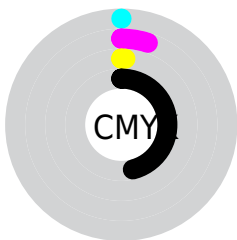
Distribution



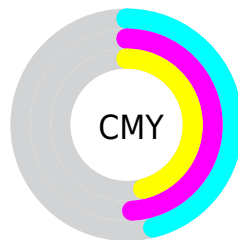
- Red (54%)
- Green (51%)
- Blue (54%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1129, 23.4420, 26.9735 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 23.1129, 23.4420, 26.9735 by changing the saturation by 10% instead.

■ 23.1129, 23.4420,
26.9735

■ 23.1129, 23.4420,
26.9735

260.8289,
269.9871, 301.2849

■ 14.7980, 14.9202,
17.3211

■ 48.0439, 49.1181,
55.8446

■ 8.7632, 8.7634,
10.2993

■ 65.3908, 67.0412,
75.9003

■ 4.6429, 4.5872,
5.4897

■ 86.4791, 88.8668,
100.2608

■ 2.0719, 2.0072,
2.4736

111.6741,
114.9794, 129.3447

■ 0.6739, 0.6116,
0.8261

141.3413,
145.7633, 163.5705

■ 0.0000, 0.0000,
0.0000

175.8459,

181.6030, 203.3568

215.5533,
222.8828, 249.1221

■ 23.1129, 23.4420,
26.9735

■ 23.1129, 23.4420,
26.9735

■ 21.2416, 19.9234,
25.6583

■ 25.2350, 27.4574,
28.3856

■ 19.6094, 16.8793,
24.4352

■ 27.6151, 31.9849,
29.8963

■ 18.2066, 14.2899,
23.3013

■ 30.2626, 37.0430,
31.5089

■ 17.0222, 12.1331,
22.2527

■ 33.1856, 42.6480,
33.2264

■ 16.0441, 10.3849,
21.2853

■ 36.3922, 48.8159,
35.0515

■ 15.2590, 9.0188,
20.3947

■ 39.8900, 55.5619,
36.9867

■ 14.6524, 8.0055,
19.5760

■ 43.6862, 62.9006,
39.0345

■ 14.2072, 7.3112,
18.8233

■ 47.7880, 70.8461,
41.1974

■ 13.9001, 6.8890,
18.1289

■ 52.1369, 79.2816,
43.4559

Harmonies

Analogous

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



22.7475, 23.4420, 28.0097



23.1129, 23.4420, 26.9735



23.2549, 23.4420, 25.5795

Triad

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



23.1129, 23.4420, 26.9735



22.3002, 23.4420, 22.8723



21.4504, 23.4420, 26.8746

Complementary

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



23.1129, 23.4420, 26.9735



22.6143, 24.6689, 25.4007

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.



21.3346, 23.4420, 25.4693



23.1129, 23.4420, 26.9735



21.8207, 23.4420, 23.1905

Square

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



23.1129, 23.4420, 26.9735



22.7813, 23.4420, 23.2423



21.4691, 23.4420, 24.1281



21.7879, 23.4420, 27.9511

Rectangle

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



23.1129, 23.4420, 26.9735



23.2021, 23.4420, 24.6460



21.4691, 23.4420, 24.1281



21.3844, 23.4420, 26.4233

Sweetspot

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



23.1136, 23.4430, 26.9740



41.8262, 43.3709, 48.2810



22.2100, 22.9689, 27.3080



9.3928, 9.7494, 10.8368



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.



23.1136, 23.4430, 26.9740



40.3717, 40.6251, 47.2926



22.8712, 23.3461, 25.6978



5.3270, 5.3493, 6.2464



12.6272, 6.1610, 16.3388



0.0878, 0.0425, 0.1291

Inverse Universe

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



23.1136, 23.4430, 26.9740



40.3717, 40.6251, 47.2926



22.8531, 24.7644, 26.6582



5.3270, 5.3493, 6.2464



12.6272, 6.1610, 16.3388



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 23.1129, 23.4420, 26.9735 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 23.1129, 23.4420, 26.9735 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 23.1129, 23.4420, 26.9735

Background



This preview shows how black text looks on a background with the XYZ color 23.1129, 23.4420, 26.9735.



This preview shows how white text looks on a background with the XYZ color 23.1129, 23.4420,

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

23.1129, 23.4420, 26.9735

Protanopia

22.6702, 23.4058, 27.3677

Deuteranopia

23.8672, 23.4359, 26.9326



Tritanopia

23.4378, 23.3773, 28.4763

Trichromacy



Original Color

23.1129, 23.4420, 26.9735

Protanomaly

22.8304, 23.4884, 27.3752

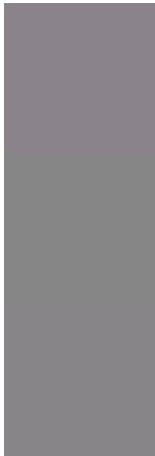
Deuteranomaly

23.6533, 23.5222, 26.9605

Tritanomaly

23.3637, 23.3477, 28.0861

Monochromacy



Original Color

23.1129, 23.4420, 26.9735

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 23.1129, 23.4420, 26.9735 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.1129, 23.4420, 26.9735 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, 137) }
```


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

```
.border{ border-color:rgb(138, 131, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(138, 131,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1129, 23.4420, 26.9735 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, 137) }
```

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

```
.background{ background-color: rgb(138,  
131, 137) }
```

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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