

Converting Colors

XYZ(23.0871, 21.9867, 25.4642)

Have a look what the booklet for
XYZ(23.0871, 21.9867, 25.4642)
contains.

XYZ(23.0631, 21.9069, 25.5672)	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(23.0631, 21.9069,
25.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	917B86
RGB	145, 123, 134
RGB Percent	57%, 48%, 53%
CMY	0.4314, 0.5176, 0.4745
CMYK	0.00, 0.15, 0.08, 0.43
HSL	330°, 9%, 53%
HSV	330°, 15%, 57%
XYZ	23.0631, 21.9069, 25.5672
YIQ	130.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

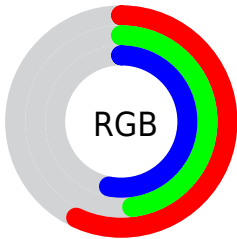
Format	Color
R_{YB}	145, 123, 134
Decimal	9534342
CIE Lab	53.93, 10.45, -2.82
CIE LCh	54, 10.823, 344.887
Yxy	21.9069, 0.3270, 0.3106
Android (android.graphics.Color)	4287724422 (0xFF917B86)
YUV	130.8320, 1.5618, 12.4253
Hunter-Lab	46.8048, 6.0476, 0.3761

Details

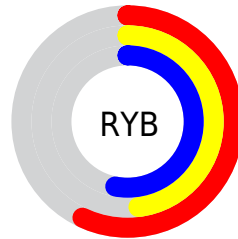
The XYZ color **23.0631, 21.9069, 25.5672** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5977, 26.1836, 26.4184**, and the grayscale version is **21.5062, 22.6262, 24.6399**.

A 20% lighter version of the original color is **48.0482, 46.7806, 53.5109**, and **8.6651, 7.9173, 9.4590** is the 20% darker color. If you saturate the color by 10%, you get **20.9075, 18.3772, 22.4386**, and if you desaturate by 10%, it is **25.5211, 25.9852, 28.9682**.

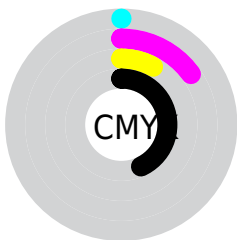
Distribution



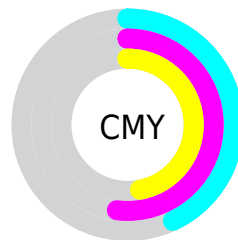
- Red (57%)
- Green (48%)
- Blue (53%)



- Red (57%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0631, 21.9069, 25.5672 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 23.0631, 21.9069, 25.5672 by changing the saturation by 10% instead.

■ 23.0631, 21.9069,
25.5672

■ 23.0631, 21.9069,
25.5672

260.5782,
262.0597, 294.1885

■ 14.7611, 13.7885,
16.2773

■ 47.9628, 46.5921,
53.5514

■ 8.7371, 7.9737,
9.5641

■ 65.2912, 63.9276,
73.0827

■ 4.6258, 4.0781,
5.0091

■ 86.3591, 85.1044,
96.8650

■ 2.0619, 1.7174,
2.1938

111.5318,
110.5067, 125.3167

■ 0.6684, 0.4349,
0.6708

141.1747,
140.5190, 158.8563

■ 0.0000, 0.0000,
0.0000

175.6532,

175.5257, 197.9025

215.3326,
215.9111, 242.8737

■ 23.0631, 21.9069,
25.5672

■ 23.0631, 21.9069,
25.5672

■ 20.9075, 18.3772,
22.4386

■ 25.5211, 25.9852,
28.9682

■ 19.0400, 15.3698,
19.5736

■ 28.2912, 30.6316,
32.6474

■ 17.4481, 12.8601,
16.9645

■ 31.3850, 35.8677,
36.6121

■ 16.1174, 10.8207,
14.6031

■ 34.8131, 41.7136,
40.8690

■ 15.0321, 9.2213,
12.4804

■ 38.5852, 48.1882,
45.4244

■ 14.1748, 8.0284,
10.5865

■ 42.7111, 55.3095,
50.2845

■ 13.5255, 7.2031,
8.9108

■ 47.1998, 63.0950,
55.4552

■ 13.0575, 6.6936,
7.4403

■ 52.0601, 71.5613,
60.9423

■ 12.8630, 6.4941,
6.7910

■ 57.3007, 80.7247,
66.7515

Harmonies

Analogous

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



22.4451, 21.9069, 28.6996



23.0631, 21.9069, 25.5672



23.0656, 21.9069, 22.2404

Triad

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



23.0631, 21.9069, 25.5672



20.2509, 21.9069, 18.1680



19.2728, 21.9069, 28.6792

Complementary

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



23.0631, 21.9069, 25.5672



22.5977, 26.1836, 26.4184

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.



18.7286, 21.9069, 25.5415



23.0631, 21.9069, 25.5672



19.2788, 21.9069, 19.5851

Square

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



23.0631, 21.9069, 25.5672



21.4121, 21.9069, 18.1735



18.7307, 21.9069, 22.2170



20.2425, 21.9069, 30.6071

Rectangle

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



23.0631, 21.9069, 25.5672



22.7164, 21.9069, 20.3643



18.7307, 21.9069, 22.2170



19.0357, 21.9069, 27.7187

Sweetspot

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



23.0637, 21.9079, 25.5677



45.7350, 46.5870, 51.9192



22.0261, 21.2797, 29.7348



10.1094, 10.2557, 11.4621



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.0637, 21.9079, 25.5677



40.0081, 37.1024, 43.9393



22.3360, 21.6168, 21.7353



5.5143, 5.4662, 6.2061



11.0461, 5.5754, 5.8939



0.1167, 0.0577, 0.1148

Inverse Universe

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



23.0637, 21.9079, 25.5677



40.0081, 37.1024, 43.9393



23.4053, 26.5066, 30.6711



5.5143, 5.4662, 6.2061



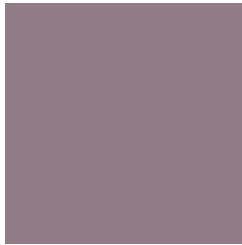
11.0461, 5.5754, 5.8939



0.1167, 0.0577, 0.1148

Previews

White Background



This preview shows how the XYZ color 23.0631, 21.9069, 25.5672 looks on a white background.

Color Contrast Check

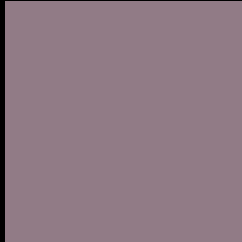
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0631, 21.9069, 25.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

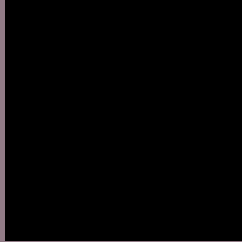
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0631, 21.9069, 25.5672

Background



This preview shows how black text looks on a background with the XYZ color 23.0631, 21.9069, 25.5672.



This preview shows how white text looks on a background with the XYZ color 23.0631, 21.9069,

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

23.0631, 21.9069, 25.5672

Protanopia

21.2878, 21.9116, 26.7743

Deuteranopia

22.2842, 21.8774, 25.6025



Tritanopia

22.9937, 21.8791, 25.2015

Trichromacy



Original Color

23.0631, 21.9069, 25.5672

Protanomaly

21.8965, 21.8502, 26.3560

Deuteranomaly

22.4952, 21.7993, 25.5763

Tritanomaly

22.9937, 21.8791, 25.2015

Monochromacy



Original Color

23.0631, 21.9069, 25.5672

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0374, 22.3385, 24.9801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0631, 21.9069, 25.5672 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(145, 123, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 123, 134)  
}
```

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(145, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 123, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.0631, 21.9069, 25.5672 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(145, 123, 134) }
```


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

```
.border{ border-color:rgb(145, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 123,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0631, 21.9069, 25.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 123, 134) }
```

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

```
.background{ background-color: rgb(145,  
123, 134) }
```

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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