

Converting Colors

XYZ(23.7878, 22.3360, 31.4913)

Have a look what the booklet for
XYZ(23.7878, 22.3360, 31.4913)
contains.

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Color

**XYZ(23.7878, 22.3360,
31.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7C95
RGB	142, 124, 149
RGB Percent	56%, 49%, 58%
CMY	0.4431, 0.5137, 0.4157
CMYK	0.05, 0.17, 0.00, 0.42
HSL	283°, 11%, 54%
HSV	283°, 17%, 58%
XYZ	23.7878, 22.3360, 31.4913
YIQ	132.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

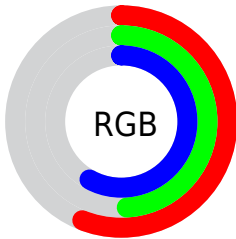
Format	Color
R_{YB}	142, 124, 149
Decimal	9338005
CIE _{Lab}	54.38, 11.73, -10.92
CIE _{LCh}	54, 16.020, 317.049
Yxy	22.3360, 0.3065, 0.2878
Android (android.graphics.Color)	4287528085 (0xFF8E7C95)
YUV	132.2320, 8.2666, 8.5665
Hunter-Lab	47.2610, 7.1374, -6.4239

Details

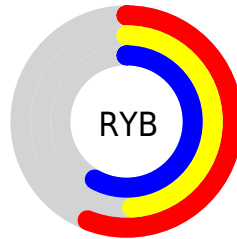
The XYZ color **23.7878, 22.3360, 31.4913** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7464, 27.7760, 23.1796**, and the grayscale version is **21.9868, 23.1318, 25.1906**.

A 20% lighter version of the original color is **49.2666, 47.4918, 63.0701**, and **9.1343, 8.1893, 12.6545** is the 20% darker color. If you saturate the color by 10%, you get **21.3575, 18.5180, 30.8828**, and if you desaturate by 10%, it is **26.5284, 26.7341, 32.1961**.

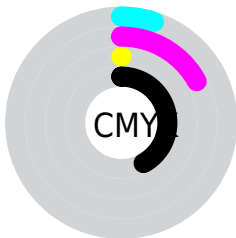
Distribution



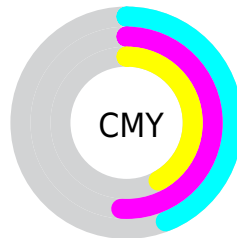
- Red (56%)
- Green (49%)
- Blue (58%)



- Red (56%)
- Yellow (49%)
- Blue (58%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7878, 22.3360, 31.4913 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 23.7878, 22.3360, 31.4913 by changing the saturation by 10% instead.

■ 23.7878, 22.3360,
31.4913

■ 23.7878, 22.3360,
31.4913

264.2063,
264.2960, 323.2164

■ 15.3002, 14.1040,
20.7117

■ 49.1409, 47.3007,
63.1014

■ 9.1180, 8.1930,
12.7242

■ 66.7371, 64.8022,
84.7689

■ 4.8760, 4.2187,
7.1104

■ 88.1001, 86.1623,
110.9027

■ 2.2087, 1.7966,
3.4518

113.5955,
111.7654, 141.9215

■ 0.7473, 0.4851,
1.3297

143.5884,
141.9960, 178.2437

■ 0.0000, 0.0000,
0.0859

178.4443,

■ 0.0000, 0.0000,

177.2383, 220.2879

0.0000

218.5285,
217.8768, 268.4726

■ 23.7878, 22.3360,
31.4913

■ 23.7878, 22.3360,
31.4913

■ 21.3575, 18.5180,
30.8828

■ 26.5284, 26.7341,
32.1961

■ 19.2226, 15.2517,
30.3648

■ 29.5894, 31.7332,
32.9997

■ 17.3698, 12.5109,
29.9335

■ 32.9829, 37.3566,
33.9063

■ 15.7842, 10.2659,
29.5837

■ 36.7198, 43.6257,
34.9194

■ 14.4492, 8.4840,
29.3101

■ 40.8103, 50.5607,
36.0424

■ 13.3461, 7.1285,
29.1066

■ 45.2644, 58.1810,
37.2785

■ 12.4536, 6.1570,
28.9662

■ 50.0916, 66.5052,
38.6308

■ 11.7375, 5.5016,
28.8774

■ 55.3009, 75.5511,
40.1023

■ 11.5219, 5.3131,
28.8524

■ 59.9029, 83.3394,
41.3630

Harmonies

Analogous

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



22.2311, 22.3360, 34.7403



23.7878, 22.3360, 31.4913



24.6790, 22.3360, 26.5433

Triad

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



23.7878, 22.3360, 31.4913



21.9924, 22.3360, 16.0889



18.1738, 22.3360, 27.2549

Complementary

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



23.7878, 22.3360, 31.4913



23.7464, 27.7760, 23.1796

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.



18.1178, 22.3360, 22.2246



23.7878, 22.3360, 31.4913



20.2588, 22.3360, 16.2246

Square

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



23.7878, 22.3360, 31.4913



23.6048, 22.3360, 17.9292



18.8619, 22.3360, 18.3297



19.0195, 22.3360, 32.0735

Rectangle

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



23.7878, 22.3360, 31.4913



24.7456, 22.3360, 23.1571



18.8619, 22.3360, 18.3297



18.0637, 22.3360, 25.5214

Sweetspot

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



23.7885, 22.3370, 31.4918



48.3862, 49.3004, 57.8869



21.8654, 22.7110, 31.6653



10.6491, 10.8056, 12.8092



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.7885, 22.3370, 31.4918



40.9589, 37.4028, 55.9819



24.6050, 22.8067, 29.3247



5.8786, 5.8284, 7.2849



9.7269, 4.4870, 24.2844



0.1478, 0.0697, 0.2986

Inverse Universe

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



23.6996, 22.4445, 24.5569



40.7980, 37.6482, 41.1416



23.0506, 27.3766, 24.9847



5.8636, 5.8405, 6.3878



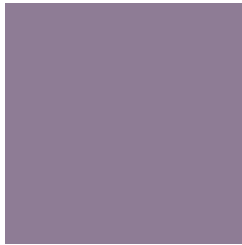
10.7906, 5.5213, 2.3782



0.1433, 0.0721, 0.0884

Previews

White Background



This preview shows how the XYZ color 23.7878, 22.3360, 31.4913 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 23.7878, 22.3360, 31.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

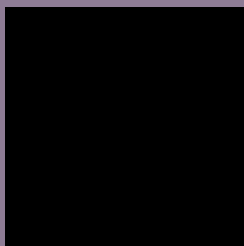
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7878, 22.3360, 31.4913

Background



This preview shows how black text looks on a background with the XYZ color 23.7878, 22.3360, 31.4913.



This preview shows how white text looks on a background with the XYZ color 23.7878, 22.3360,

31.4913.

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

23.7878, 22.3360, 31.4913

Protanopia

22.1219, 22.4031, 32.8640

Deuteranopia

22.7662, 22.3852, 31.1378



Tritanopia

22.7200, 22.2747, 26.3945

Trichromacy



Original Color

23.7878, 22.3360, 31.4913

Protanomaly

22.6910, 22.3186, 32.3901

Deuteranomaly

23.1227, 22.3782, 31.1177

Tritanomaly

23.1258, 22.2530, 28.2757

Monochromacy



Original Color

23.7878, 22.3360, 31.4913

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5910, 22.7697, 27.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7878, 22.3360, 31.4913 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, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(142, 124, 149)  
}
```

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, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 124, 149) }
```

Border

The CSS property to change the border of an element to XYZ 23.7878, 22.3360, 31.4913 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, 124, 149) }
```


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

```
.border{ border-color:rgb(142, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(142, 124,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7878, 22.3360, 31.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 124, 149) }
```

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

```
.background{ background-color: rgb(142,  
124, 149) }
```

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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