

Converting Colors

XYZ(23.1449, 22.4069, 32.3167)

Have a look what the booklet for
XYZ(23.1449, 22.4069, 32.3167)
contains.

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Color

**XYZ(23.2001, 22.3903,
32.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	887E97
RGB	136, 126, 151
RGB Percent	53%, 49%, 59%
CMY	0.4667, 0.5059, 0.4078
CMYK	0.10, 0.17, 0.00, 0.41
HSL	264°, 11%, 54%
HSV	264°, 17%, 59%
XYZ	23.2001, 22.3903, 32.3771
YIQ	131.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

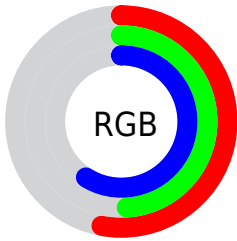
Format	Color
R_{YB}	136, 126, 151
Decimal	8945303
CIE Lab	54.44, 8.86, -12.05
CIE LCh	54, 14.956, 306.346
Yxy	22.3903, 0.2976, 0.2872
Android (android.graphics.Color)	4287135383 (0xFF887E97)
YUV	131.8400, 9.4459, 3.6483
Hunter-Lab	47.3184, 4.7110, -7.4457

Details

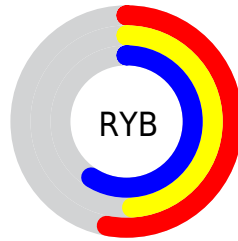
The XYZ color **23.2001, 22.3903, 32.3771** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8178, 29.3028, 24.0350**, and the grayscale version is **21.8427, 22.9802, 25.0254**.

A 20% lighter version of the original color is **48.1258, 47.4668, 64.3831**, and **8.7919, 8.2063, 13.1772** is the 20% darker color. If you saturate the color by 10%, you get **20.0034, 18.0896, 31.7158**, and if you desaturate by 10%, it is **26.8140, 27.3399, 33.1424**.

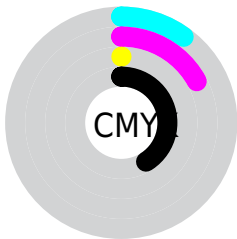
Distribution



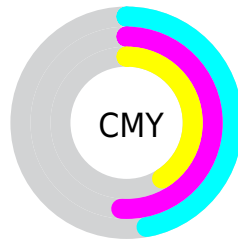
- Red (53%)
- Green (49%)
- Blue (59%)



- Red (53%)
- Yellow (49%)
- Blue (59%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2001, 22.3903, 32.3771 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 23.2001, 22.3903, 32.3771 by changing the saturation by 10% instead.

■ 23.2001, 22.3903,
32.3771

■ 23.2001, 22.3903,
32.3771

261.2673,
264.5778, 327.3790

■ 14.8628, 14.1440,
21.3825

■ 48.1859, 47.3902,
64.5066

■ 8.8089, 8.2209,
13.2099

■ 65.5652, 64.9126,
86.4785

■ 4.6728, 4.2366,
7.4408

■ 86.6892, 86.2958,
112.9466

■ 2.0894, 1.8068,
3.6567

111.9232,
111.9242, 144.3295

■ 0.6834, 0.4914,
1.4390

141.6327,
142.1822, 181.0456

■ 0.0000, 0.0000,
0.1718

176.1830,

■ 0.0000, 0.0000,

177.4542, 223.5135

0.0000

215.9394,
218.1246, 272.1518

■ 23.2001, 22.3903,
32.3771

■ 23.2001, 22.3903,
32.3771

■ 20.0034, 18.0896,
31.7158

■ 26.8140, 27.3399,
33.1424

■ 17.2058, 14.4074,
31.1525

■ 30.8583, 32.9616,
34.0143

■ 14.7909, 11.3150,
30.6829

■ 35.3480, 39.2808,
34.9974

■ 12.7400, 8.7802,
30.3017

■ 40.2967, 46.3207,
36.0954

■ 11.0329, 6.7677,
30.0033

■ 45.7176, 54.1034,
37.3119

■ 9.6472, 5.2379,
29.7810

■ 51.6231, 62.6501,
38.6503

■ 8.5572, 4.1455,
29.6276

■ 58.0254, 71.9812,
40.1140

■ 7.7255, 3.4212,
29.5316

■ 64.9359, 82.1163,
41.7060

■ 7.4734, 3.2074,
29.5037

■ 70.1239, 88.5900,
42.6821

Harmonies

Analogous

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



21.6308, 22.3903, 34.4711



23.2001, 22.3903, 32.3771



24.2939, 22.3903, 28.1743

Triad

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



23.2001, 22.3903, 32.3771



22.5682, 22.3903, 17.0248



18.3062, 22.3903, 25.3884

Complementary

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



23.2001, 22.3903, 32.3771



25.8178, 29.3028, 24.0350

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.



18.5287, 22.3903, 20.9412



23.2001, 22.3903, 32.3771



20.9356, 22.3903, 16.4786

Square

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



23.2001, 22.3903, 32.3771



23.9162, 22.3903, 19.4214



19.4713, 22.3903, 17.8205



18.8474, 22.3903, 30.1162

Rectangle

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



23.2001, 22.3903, 32.3771



24.5766, 22.3903, 24.9578



19.4713, 22.3903, 17.8205



18.2946, 22.3903, 23.8097

Sweetspot

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



23.2008, 22.3912, 32.3776



49.0251, 50.3505, 59.5684



23.7773, 25.8436, 33.0136



11.0408, 11.3030, 13.5173



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.2008, 22.3912, 32.3776



39.2607, 37.0024, 57.5066



25.2752, 23.4607, 32.4747



6.1066, 6.1408, 7.7924



6.3883, 2.7443, 25.1007



0.1349, 0.0613, 0.3771

Inverse Universe

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



25.0318, 23.4250, 28.4024



43.2305, 39.2453, 48.8210



23.8739, 28.3007, 23.9440



6.3565, 6.2818, 7.2576



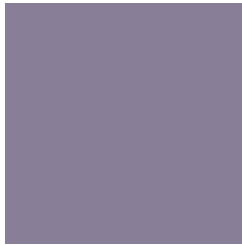
12.4637, 6.2397, 8.9668



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 23.2001, 22.3903, 32.3771 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 23.2001, 22.3903, 32.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

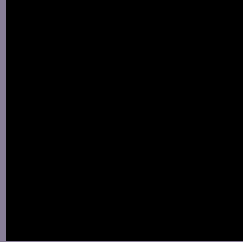
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2001, 22.3903, 32.3771

Background



This preview shows how black text looks on a background with the XYZ color 23.2001, 22.3903, 32.3771.



This preview shows how white text looks on a background with the XYZ color 23.2001, 22.3903,

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

23.2001, 22.3903, 32.3771

Protanopia

22.2042, 22.4360, 33.2973

Deuteranopia

22.8482, 22.3997, 32.3975



Tritanopia

22.1381, 22.3417, 27.1903

Trichromacy



Original Color

23.2001, 22.3903, 32.3771

Protanomaly

22.5926, 22.4512, 32.8485

Deuteranomaly

23.0068, 22.4814, 32.4049

Tritanomaly

22.5390, 22.3128, 29.1055

Monochromacy



Original Color

23.2001, 22.3903, 32.3771

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3157, 22.8159, 27.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2001, 22.3903, 32.3771 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(136, 126, 151)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 151)  
}
```

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(136, 126, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 151) }
```

Border

The CSS property to change the border of an element to XYZ 23.2001, 22.3903, 32.3771 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(136, 126, 151) }
```


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

```
.border{ border-color:rgb(136, 126, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 151);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2001, 22.3903, 32.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 151) }
```

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

```
.background{ background-color: rgb(136,  
126, 151) }
```

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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