

Converting Colors

XYZ(23.1402, 21.4342, 24.0367)

Have a look what the booklet for
XYZ(23.1402, 21.4342, 24.0367)
contains.

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Color

**XYZ(23.1402, 21.4342,
24.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	957882
RGB	149, 120, 130
RGB Percent	58%, 47%, 51%
CMY	0.4157, 0.5294, 0.4902
CMYK	0.00, 0.19, 0.13, 0.42
HSL	339°, 12%, 53%
HSV	339°, 19%, 58%
XYZ	23.1402, 21.4342, 24.0367
YIQ	129.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

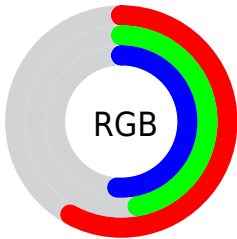
Format	Color
R_{YB}	149, 120, 130
Decimal	9795714
CIE _{Lab}	53.42, 12.98, -1.18
CIE _{LCh}	53, 13.033, 354.795
Yxy	21.4342, 0.3373, 0.3124
Android (android.graphics.Color)	4287985794 (0xFF957882)
YUV	129.8110, 0.0932, 16.8288
Hunter-Lab	46.2971, 8.1979, 1.6255

Details

The XYZ color **23.1402, 21.4342, 24.0367** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1543, 27.3527, 28.4867**, and the grayscale version is **21.1480, 22.2494, 24.2296**.

A 20% lighter version of the original color is **47.9284, 45.6205, 51.0793**, and **8.7754, 7.6972, 8.8078** is the 20% darker color. If you saturate the color by 10%, you get **20.8613, 17.8757, 20.1959**, and if you desaturate by 10%, it is **25.7613, 25.5772, 28.2989**.

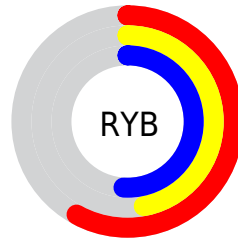
Distribution



Red (58%)

Green (47%)

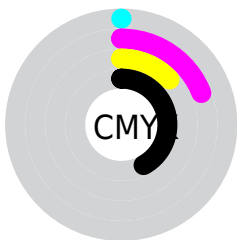
Blue (51%)



Red (58%)

Yellow (47%)

Blue (51%)

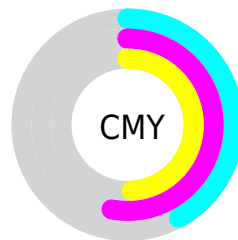


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1402, 21.4342, 24.0367 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 23.1402, 21.4342, 24.0367 by changing the saturation by 10% instead.

■ 23.1402, 21.4342,
24.0367

■ 23.1402, 21.4342,
24.0367

260.9662,
259.5771, 286.2985

■ 14.8183, 13.4418,
15.1484

■ 48.0884, 45.8091,
51.0347

■ 8.7775, 7.7334,
8.7758

■ 65.4454, 62.9603,
69.9814

■ 4.6523, 3.9249,
4.5004

■ 86.5449, 83.9332,
93.1180

■ 2.0774, 1.6316,
1.9037

111.7522,
109.1122, 120.8631

■ 0.6769, 0.3788,
0.4951

141.4326,
138.8817, 153.6351

■ 0.0000, 0.0000,
0.0000

175.9515,

173.6261, 191.8527

215.6742,
213.7297, 235.9343

■ 23.1402, 21.4342,
24.0367

■ 23.1402, 21.4342,
24.0367

■ 20.8613, 17.8757,
20.1959

■ 25.7613, 25.5772,
28.2989

■ 18.9083, 14.8725,
16.7619

■ 28.7366, 30.3265,
32.9939

■ 17.2662, 12.3970,
13.7209

■ 32.0796, 35.7065,
38.1342

■ 15.9178, 10.4182,
11.0579

■ 35.8024, 41.7390,
43.7316

■ 14.8445, 8.9019,
8.7570

■ 39.9168, 48.4452,
49.7973

■ 14.0252, 7.8094,
6.8008

■ 44.4340, 55.8450,
56.3421

■ 13.4357, 7.0956,
5.1701

■ 49.3646, 63.9576,
63.3764

■ 13.0208, 6.6541,
3.8347

■ 54.7190, 72.8015,
70.9104

■ 13.0003, 6.6319,
3.7699

■ 60.5071, 82.3945,
78.9538

Harmonies

Analogous

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



22.6260, 21.4342, 28.0150



23.1402, 21.4342, 24.0367



22.8859, 21.4342, 20.2848

Triad

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



23.1402, 21.4342, 24.0367



19.2765, 21.4342, 17.0789



18.8761, 21.4342, 30.1381

Complementary

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



23.1402, 21.4342, 24.0367



23.1543, 27.3527, 28.4867

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.



18.0503, 21.4342, 26.6835



23.1402, 21.4342, 24.0367



18.2740, 21.4342, 19.2132

Square

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



23.1402, 21.4342, 24.0367



20.6150, 21.4342, 16.5395



17.8349, 21.4342, 22.6534



20.1320, 21.4342, 31.7835

Rectangle

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



23.1402, 21.4342, 24.0367



22.3206, 21.4342, 18.3683



17.8349, 21.4342, 22.6534



18.5413, 21.4342, 29.1322

Sweetspot

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



23.1408, 21.4352, 24.0372



47.8422, 48.5222, 53.3995



22.7645, 21.0800, 31.3032



10.5369, 10.6487, 11.7300



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.



23.1408, 21.4352, 24.0372



39.7347, 35.7112, 40.2024



23.0370, 22.2498, 20.8509



5.8784, 5.8464, 6.4659



10.9544, 5.5868, 3.2408



0.1469, 0.0735, 0.1074

Inverse Universe

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



23.1408, 21.4352, 24.0372



39.7347, 35.7112, 40.2024



23.2433, 26.3077, 32.2870



5.8784, 5.8464, 6.4659



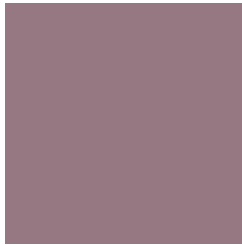
10.9544, 5.5868, 3.2408



0.1469, 0.0735, 0.1074

Previews

White Background



This preview shows how the XYZ color 23.1402, 21.4342, 24.0367 looks on a white background.

Color Contrast Check

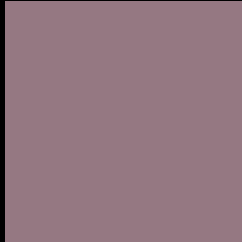
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1402, 21.4342, 24.0367 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 23.1402, 21.4342, 24.0367

Background



This preview shows how black text looks on a background with the XYZ color 23.1402, 21.4342, 24.0367.



This preview shows how white text looks on a background with the XYZ color 23.1402, 21.4342,

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

23.1402, 21.4342, 24.0367

Protanopia

20.7945, 21.4892, 25.6061

Deuteranopia

21.8176, 21.4892, 23.7668



Tritanopia

23.0733, 21.4075, 23.6848

Trichromacy



Original Color

23.1402, 21.4342, 24.0367

Protanomaly

21.5946, 21.3430, 25.1718

Deuteranomaly

22.3731, 21.5905, 23.7571

Tritanomaly

23.0733, 21.4075, 23.6848

Monochromacy



Original Color

23.1402, 21.4342, 24.0367

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8066, 21.8518, 24.1876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1402, 21.4342, 24.0367 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(149, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 120, 130)  
}
```

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(149, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 120, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.1402, 21.4342, 24.0367 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(149, 120, 130) }
```


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

```
.border{ border-color:rgb(149, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(149, 120,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1402, 21.4342, 24.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 120, 130) }
```

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

```
.background{ background-color: rgb(149,  
120, 130) }
```

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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