

Converting Colors

XYZ(23.1266, 22.3396, 21.5060)

Have a look what the booklet for
XYZ(23.1266, 22.3396, 21.5060)
contains.

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Color

**XYZ(23.2409, 22.4619,
21.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	957D7A
RGB	149, 125, 122
RGB Percent	58%, 49%, 48%
CMY	0.4157, 0.5098, 0.5216
CMYK	0.00, 0.16, 0.18, 0.42
HSL	7°, 11%, 53%
HSV	7°, 18%, 58%
XYZ	23.2409, 22.4619, 21.5230
YIQ	131.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

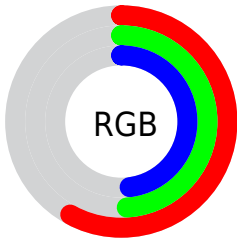
Format	Color
R_{YB}	149, 125, 122
Decimal	9796986
CIE Lab	54.51, 8.72, 5.07
CIE LCh	55, 10.090, 30.167
Yxy	22.4619, 0.3457, 0.3341
Android (android.graphics.Color)	4287987066 (0xFF957D7A)
YUV	131.8340, -4.8482, 15.0546
Hunter-Lab	47.3940, 4.5927, 6.2505

Details

The XYZ color **23.2409, 22.4619, 21.5230** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7296, 26.8647, 32.3688**, and the grayscale version is **21.8859, 23.0256, 25.0749**.

A 20% lighter version of the original color is **48.1890, 47.5933, 46.6910**, and **8.8240, 8.2466, 7.4300** is the 20% darker color. If you saturate the color by 10%, you get **20.8215, 18.9888, 16.5056**, and if you desaturate by 10%, it is **26.0267, 26.4407, 27.3615**.

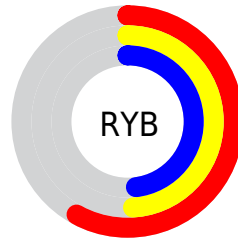
Distribution



Red (58%)

Green (49%)

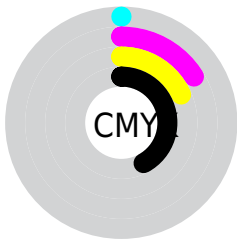
Blue (48%)



Red (58%)

Yellow (49%)

Blue (48%)

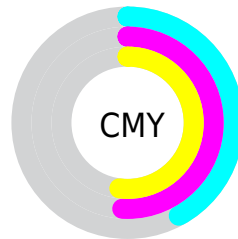


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2409, 22.4619, 21.5230 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 23.2409, 22.4619, 21.5230 by changing the saturation by 10% instead.

■ 23.2409, 22.4619,
21.5230

■ 23.2409, 22.4619,
21.5230

261.4722,
264.9490, 272.9168

■ 14.8932, 14.1967,
13.3119

■ 48.2523, 47.5082,
46.8484

■ 8.8303, 8.2576,
7.5104

■ 65.6467, 65.0582,
64.7997

■ 4.6869, 4.2602,
3.7001

■ 86.7874, 86.4718,
86.8349

■ 2.0976, 1.8202,
1.4623

112.0397,
112.1335, 113.3724

■ 0.6879, 0.4997,
0.1896

141.7690,
142.4277, 144.8308

■ 0.0000, 0.0000,
0.0000

176.3406,

177.7387, 181.6286

216.1199,
218.4510, 224.1845

■ 23.2409, 22.4619,
21.5230

■ 23.2409, 22.4619,
21.5230

■ 20.8215, 18.9888,
16.5056

■ 26.0267, 26.4407,
27.3615

■ 18.7514, 15.9984,
12.2710

■ 29.1913, 30.9413,
34.0541

■ 17.0149, 13.4700,
8.7802

■ 32.7489, 35.9825,
41.6338

■ 15.5945, 11.3806,
5.9900

■ 36.7124, 41.5817,
50.1313

■ 14.4709, 9.7051,
3.8532

■ 41.0941, 47.7551,
59.5760

■ 13.6228, 8.4159,
2.3161

■ 45.9056, 54.5185,
69.9958

■ 13.0260, 7.4817,
1.3171

■ 51.1583, 61.8870,
81.4176

■ 12.6438, 6.8635,
0.7388

■ 56.8632, 69.8752,
93.8672

■ 12.5884, 6.7773,
0.6447

■ 62.8527, 78.4259,
106.4328

Harmonies

Analogous

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



23.5470, 22.4619, 24.4395



23.2409, 22.4619, 21.5230



22.4247, 22.4619, 19.5460

Triad

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



23.2409, 22.4619, 21.5230



19.5575, 22.4619, 21.5512



21.3556, 22.4619, 31.0659

Complementary

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



23.2409, 22.4619, 21.5230



23.7296, 26.8647, 32.3688

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.



20.3090, 22.4619, 30.1290



23.2409, 22.4619, 21.5230



19.2929, 22.4619, 24.4749

Square

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



23.2409, 22.4619, 21.5230



20.2986, 22.4619, 19.5612



19.5633, 22.4619, 27.6466



22.4358, 22.4619, 30.1087

Rectangle

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



23.2409, 22.4619, 21.5230



21.7145, 22.4619, 18.9345



19.5633, 22.4619, 27.6466



20.9883, 22.4619, 30.9611

Sweetspot

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



23.2415, 22.4629, 21.5235



48.2483, 49.6847, 52.4550



24.5659, 22.3936, 30.3445



10.6152, 10.9008, 11.4616



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.



23.2415, 22.4629, 21.5235



39.6687, 37.4278, 34.4816



25.0248, 26.0294, 22.1179



5.8497, 5.9131, 6.0735



10.6069, 5.7283, 0.5466



0.1400, 0.0904, 0.0101

Inverse Universe

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



23.7296, 26.8647, 32.3688



40.7183, 46.9014, 57.8280



21.8113, 23.0282, 31.7293



5.9096, 6.4532, 7.4039



11.5728, 15.8405, 26.3786



0.1543, 0.2192, 0.3271

Previews

White Background



This preview shows how the XYZ color 23.2409, 22.4619, 21.5230 looks on a white background.

Color Contrast Check

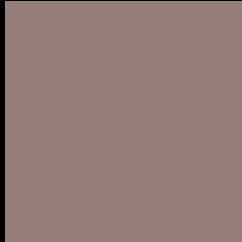
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2409, 22.4619, 21.5230 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 23.2409, 22.4619, 21.5230

Background



This preview shows how black text looks on a background with the XYZ color 23.2409, 22.4619, 21.5230.



This preview shows how white text looks on a background with the XYZ color 23.2409, 22.4619,

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

23.2409, 22.4619, 21.5230

Protanopia

21.5158, 22.5143, 22.6137

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

23.8943, 22.3434, 25.2436

Trichromacy



Original Color

23.2409, 22.4619, 21.5230

Protanomaly

22.0047, 22.3825, 22.2293

Deuteranomaly

23.0063, 22.5299, 21.5485

Tritanomaly

23.7478, 22.4843, 23.8571

Monochromacy



Original Color

23.2409, 22.4619, 21.5230

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2278, 22.6623, 23.6248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2409, 22.4619, 21.5230 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, 125, 122) looks like.

```
.text, #text, p{  
    color:rgb(149, 125, 122)  
}
```

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, 125, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 125, 122) }
```

Border

The CSS property to change the border of an element to XYZ 23.2409, 22.4619, 21.5230 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, 125, 122) }
```


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

```
.border{ border-color:rgb(149, 125, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 125, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 125, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 125, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 125,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2409, 22.4619, 21.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 125, 122) }
```

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

```
.background{ background-color: rgb(149,  
125, 122) }
```

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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