

Converting Colors

XYZ(24.3633, 22.8391, 22.1931)

Have a look what the booklet for
XYZ(24.3633, 22.8391, 22.1931)
contains.

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Color

**XYZ(24.3633, 22.8391,
22.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7C7C
RGB	155, 124, 124
RGB Percent	61%, 49%, 49%
CMY	0.3922, 0.5137, 0.5137
CMYK	0.00, 0.20, 0.20, 0.39
HSL	0°, 13%, 55%
HSV	0°, 20%, 61%
XYZ	24.3633, 22.8391, 22.1931
YIQ	133.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

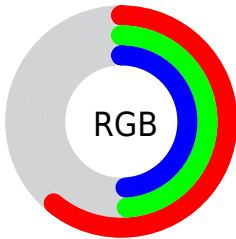
Format	Color
R_{YB}	155, 124, 124
Decimal	10189948
CIE _{Lab}	54.91, 11.99, 4.55
CIE _{LCh}	55, 12.821, 20.789
Yxy	22.8391, 0.3511, 0.3291
Android (android.graphics.Color)	4288380028 (0xFF9B7C7C)
YUV	133.2690, -4.5696, 19.0581
Hunter-Lab	47.7903, 7.3657, 5.9198

Details

The XYZ color **24.3633, 22.8391, 22.1931** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.9497, 30.0936, 35.4514**, and the grayscale version is **22.4043, 23.5711, 25.6689**.

A 20% lighter version of the original color is **50.1370, 48.2805, 47.7509**, and **9.3796, 8.4237, 7.7882** is the 20% darker color. If you saturate the color by 10%, you get **21.6672, 18.8940, 16.8325**, and if you desaturate by 10%, it is **27.5201, 27.4584, 28.4680**.

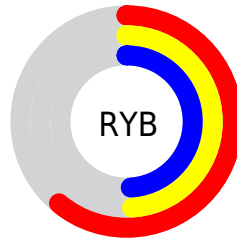
Distribution



Red (61%)

Green (49%)

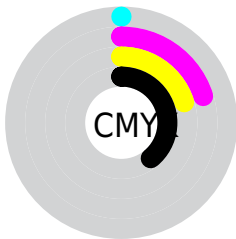
Blue (49%)



Red (61%)

Yellow (49%)

Blue (49%)

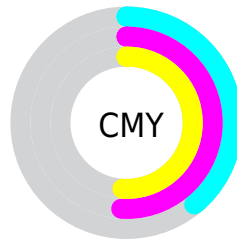


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (39%)



Cyan (39%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3633, 22.8391, 22.1931 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 24.3633, 22.8391, 22.1931 by changing the saturation by 10% instead.


 24.3633, 22.8391,
22.1931


 24.3633, 22.8391,
22.1931


267.0586,
266.8975, 276.5394


 15.7295, 14.4747,
13.7992


 50.0728, 48.1290,
47.9712

 9.4226, 8.4516,
7.8440


 67.8792, 65.8233,
66.1925

 5.0771, 4.3852,
3.9089


 89.4739, 87.3964,
88.5267

 2.3278, 1.8913,
1.5755

115.2222,
113.2327, 115.3922

 0.8088, 0.5431,
0.2733

145.4894,
143.7166, 147.2077

 0.0000, 0.0000,
0.0000

180.6410,

179.2324, 184.3917

221.0423,
220.1646, 227.3628

■ 24.3633, 22.8391,
22.1931

■ 24.3633, 22.8391,
22.1931

■ 21.6672, 18.8940,
16.8325

■ 27.5201, 27.4584,
28.4680

■ 19.4084, 15.5888,
12.3421

■ 31.1556, 32.7782,
35.6956

■ 17.5645, 12.8907,
8.6767

■ 35.2894, 38.8270,
43.9136

■ 16.1103, 10.7627,
5.7859

■ 39.9392, 45.6309,
53.1576

■ 15.0178, 9.1640,
3.6141

■ 45.1219, 53.2145,
63.4612

■ 14.2553, 8.0482,
2.0985

■ 50.8538, 61.6017,
74.8565

■ 13.7856, 7.3609,
1.1651

■ 57.1503, 70.8150,
87.3743

■ 13.5178, 6.9689,
0.6327

■ 64.0262, 80.8761,
101.0441

■ 13.5178, 6.9689,
0.6327

■ 67.3276, 85.7086,
107.6026

Harmonies

Analogous

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



24.5177, 22.8391, 26.1414



24.3633, 22.8391, 22.1931



23.4811, 22.8391, 19.2851

Triad

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



24.3633, 22.8391, 22.1931



19.6593, 22.8391, 20.2426



21.2735, 22.8391, 33.4178

Complementary

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



24.3633, 22.8391, 22.1931



25.9497, 30.0936, 35.4514

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.



20.0263, 22.8391, 31.4358



24.3633, 22.8391, 22.1931



19.1214, 22.8391, 23.6365

Square

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



24.3633, 22.8391, 22.1931



20.7526, 22.8391, 18.2472



19.2528, 22.8391, 27.7494



22.6920, 22.8391, 32.9228

Rectangle

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



24.3633, 22.8391, 22.1931



22.6192, 22.8391, 18.1873



19.2528, 22.8391, 27.7494



20.8213, 22.8391, 33.0117

Sweetspot

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



24.3639, 22.8401, 22.1936



51.7094, 52.7219, 55.8019



26.6418, 23.7507, 34.1907



11.6184, 11.8078, 12.4599



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3639, 22.8401, 22.1936



41.3754, 37.6006, 35.2581



26.4611, 27.0344, 22.8926



6.2089, 6.2228, 6.4797



10.8575, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



25.9497, 30.0936, 35.4514



44.7424, 53.0018, 63.4085



23.5340, 25.2623, 34.6462



6.3846, 7.0265, 7.9487



14.1648, 20.7263, 28.1617



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 24.3633, 22.8391, 22.1931 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 24.3633, 22.8391, 22.1931 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 24.3633, 22.8391, 22.1931

Background



This preview shows how black text looks on a background with the XYZ color 24.3633, 22.8391, 22.1931.



This preview shows how white text looks on a background with the XYZ color 24.3633, 22.8391,

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

24.3633, 22.8391, 22.1931

Protanopia

22.0043, 22.9420, 23.6906

Deuteranopia

23.1971, 22.8118, 21.9194



Tritanopia

24.9581, 22.8998, 24.9345

Trichromacy



Original Color

24.3633, 22.8391, 22.1931

Protanomaly

22.7053, 22.7214, 23.2677

Deuteranomaly

23.6137, 22.8358, 21.9021

Tritanomaly

24.7557, 22.8188, 23.8686

Monochromacy



Original Color

24.3633, 22.8391, 22.1931

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.9964, 23.2397, 24.3928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3633, 22.8391, 22.1931 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(155, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 124)  
}
```

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(155, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.3633, 22.8391, 22.1931 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(155, 124, 124) }
```


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

```
.border{ border-color:rgb(155, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3633, 22.8391, 22.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 124) }
```

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

```
.background{ background-color: rgb(155,  
124, 124) }
```

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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