

Converting Colors

XYZ(22.9902, 21.9606, 21.4395)

Have a look what the booklet for
XYZ(22.9902, 21.9606, 21.4395)
contains.

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Color

**XYZ(22.9902, 21.9606,
21.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	957B7A
RGB	149, 123, 122
RGB Percent	58%, 48%, 48%
CMY	0.4157, 0.5176, 0.5216
CMYK	0.00, 0.17, 0.18, 0.42
HSL	2°, 11%, 53%
HSV	2°, 18%, 58%
XYZ	22.9902, 21.9606, 21.4395
YIQ	130.6600, 15.8170, 5.2010

Conversions

Conversions Part 2

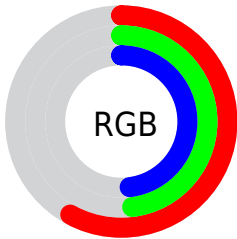
Format	Color
R_{YB}	149, 123, 122
Decimal	9796474
CIE Lab	53.99, 9.87, 4.31
CIE LCh	54, 10.773, 23.583
Yxy	21.9606, 0.3463, 0.3308
Android (android.graphics.Color)	4287986554 (0xFF957B7A)
YUV	130.6600, -4.2694, 16.0842
Hunter-Lab	46.8621, 5.5620, 5.6782

Details

The XYZ color **22.9902, 21.9606, 21.4395** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0405, 27.4866, 32.4722**, and the grayscale version is **21.4634, 22.5812, 24.5909**.

A 20% lighter version of the original color is **47.7939, 46.8032, 46.5593**, and **8.6884, 7.9753, 7.3848** is the 20% darker color. If you saturate the color by 10%, you get **20.4858, 18.3175, 16.3937**, and if you desaturate by 10%, it is **25.8983, 26.1840, 27.3188**.

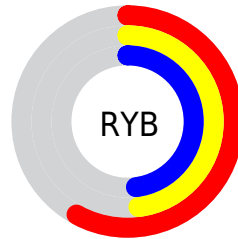
Distribution



Red (58%)

Green (48%)

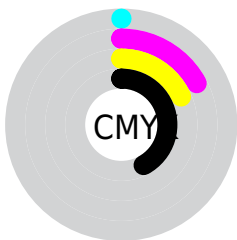
Blue (48%)



Red (58%)

Yellow (48%)

Blue (48%)

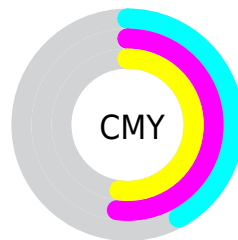


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9902, 21.9606, 21.4395 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 22.9902, 21.9606, 21.4395 by changing the saturation by 10% instead.

■ 22.9902, 21.9606,
21.4395

■ 22.9902, 21.9606,
21.4395

260.2109,
262.3404, 272.4624

■ 14.7069, 13.8280,
13.2513

■ 47.8440, 46.6809,
46.7081

■ 8.6989, 8.0011,
7.4690

■ 65.1453, 64.0373,
64.6255

■ 4.6009, 4.0957,
3.6743

■ 86.1832, 85.2371,
86.6231

■ 2.0474, 1.7272,
1.4484

111.3232,
110.6646, 113.1194

■ 0.6604, 0.4412,
0.1790

140.9306,
140.7043, 144.5330

■ 0.0000, 0.0000,
0.0000

175.3708,

175.7406, 181.2823

215.0091,
216.1579, 223.7859

■ 22.9902, 21.9606,
21.4395

■ 22.9902, 21.9606,
21.4395

■ 20.4858, 18.3175,
16.3937

■ 25.8983, 26.1840,
27.3188

■ 18.3654, 15.2265,
12.1424

■ 29.2248, 31.0083,
34.0653

■ 16.6107, 12.6617,
8.6455

■ 32.9861, 36.4569,
41.7128

■ 15.2009, 10.5936,
5.8589

■ 37.1970, 42.5509,
50.2928

■ 14.1134, 8.9902,
3.7340

■ 41.8717, 49.3105,
59.8351

■ 13.3226, 7.8156,
2.2161

■ 47.0237, 56.7549,
70.3684

■ 12.7993, 7.0284,
1.2415

■ 52.6661, 64.9028,
81.9201

■ 12.4991, 6.5744,
0.6906

■ 58.8114, 73.7718,
94.5165

■ 12.4545, 6.5097,
0.6001

■ 65.2937, 83.3081,
107.2465

Harmonies

Analogous

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



23.1749, 21.9606, 24.6343



22.9902, 21.9606, 21.4395



22.2288, 21.9606, 19.1190

Triad

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



22.9902, 21.9606, 21.4395



19.1245, 21.9606, 20.3072



20.6240, 21.9606, 30.8571

Complementary

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



22.9902, 21.9606, 21.4395



24.0405, 27.4866, 32.4722

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.



19.5733, 21.9606, 29.4443



22.9902, 21.9606, 21.4395



18.7286, 21.9606, 23.2027

Square

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



22.9902, 21.9606, 21.4395



19.9909, 21.9606, 18.5089



18.8897, 21.9606, 26.5663



21.7804, 21.9606, 30.2743

Rectangle

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



22.9902, 21.9606, 21.4395



21.5113, 21.9606, 18.2791



18.8897, 21.9606, 26.5663



20.2472, 21.9606, 30.5959

Sweetspot

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



22.9908, 21.9616, 21.4400



48.0984, 49.3847, 52.4050



24.7074, 22.4502, 31.0897



10.5781, 10.8266, 11.4492



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.



22.9908, 21.9616, 21.4400



39.1460, 36.3824, 34.3073



24.7681, 25.5161, 22.0324



5.8170, 5.8479, 6.0626



10.4872, 5.4887, 0.5067



0.1318, 0.0740, 0.0073

Inverse Universe

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



24.0405, 27.4866, 32.4722



41.4053, 48.2755, 58.0571



22.0594, 23.5243, 31.8118



5.9459, 6.5257, 7.4159



12.8967, 18.4883, 26.8199



0.1625, 0.2356, 0.3298

Previews

White Background



This preview shows how the XYZ color 22.9902, 21.9606, 21.4395 looks on a white background.

Color Contrast Check

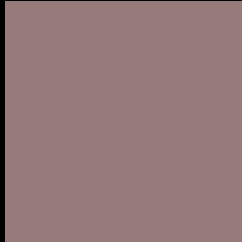
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9902, 21.9606, 21.4395 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 22.9902, 21.9606, 21.4395

Background



This preview shows how black text looks on a background with the XYZ color 22.9902, 21.9606, 21.4395.



This preview shows how white text looks on a background with the XYZ color 22.9902, 21.9606,

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

22.9902, 21.9606, 21.4395

Protanopia

21.0676, 22.0867, 22.5548

Deuteranopia

22.3481, 22.0017, 21.4812



Tritanopia

23.6339, 22.0418, 24.4816

Trichromacy



Original Color

22.9902, 21.9606, 21.4395

Protanomaly

21.7087, 22.0373, 22.1782

Deuteranomaly

22.5746, 21.9314, 21.4557

Tritanomaly

23.4335, 21.9616, 23.4260

Monochromacy



Original Color

22.9902, 21.9606, 21.4395

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0967, 22.4001, 23.5811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9902, 21.9606, 21.4395 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, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 123, 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, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 123, 122) }
```

Border

The CSS property to change the border of an element to XYZ 22.9902, 21.9606, 21.4395 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, 123, 122) }
```


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

```
.border{ border-color:rgb(149, 123, 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, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 123,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9902, 21.9606, 21.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 123, 122) }
```

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

```
.background{ background-color: rgb(149,  
123, 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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