

Converting Colors

XYZ(24.4439, 24.0704, 22.5930)

Have a look what the booklet for
XYZ(24.4439, 24.0704, 22.5930)
contains.

XYZ(24.4468, 24.0252, 22.7509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.4468, 24.0252,
22.7509)**

Conversions

Conversions Part 1

Format	Color
Hex	97827D
RGB	151, 130, 125
RGB Percent	59%, 51%, 49%
CMY	0.4078, 0.4902, 0.5098
CMYK	0.00, 0.14, 0.17, 0.41
HSL	12°, 11%, 54%
HSV	12°, 17%, 59%
XYZ	24.4468, 24.0252, 22.7509
YIQ	135.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

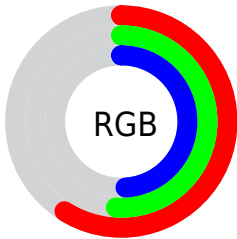
Format	Color
R_{YB}	151, 131, 125
Decimal	9929341
CIE Lab	56.11, 7.15, 5.65
CIE LCh	56, 9.112, 38.345
Yxy	24.0252, 0.3432, 0.3373
Android (android.graphics.Color)	4288119421 (0xFF97827D)
YUV	135.7090, -5.2795, 13.4102
Hunter-Lab	49.0155, 3.2509, 6.7910

Details

The XYZ color **24.4468, 24.0252, 22.7509** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3222, 27.1516, 33.2373**, and the grayscale version is **23.3089, 24.5227, 26.7053**.

A 20% lighter version of the original color is **50.1462, 50.0605, 49.1391**, and **9.5025, 9.1160, 8.0962** is the 20% darker color. If you saturate the color by 10%, you get **22.0276, 20.6149, 17.5417**, and if you desaturate by 10%, it is **27.2062, 27.8809, 28.7977**.

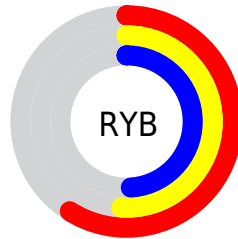
Distribution



Red (59%)

Green (51%)

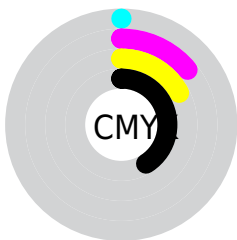
Blue (49%)



Red (59%)

Yellow (51%)

Blue (49%)

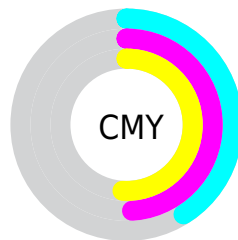


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4468, 24.0252, 22.7509 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 24.4468, 24.0252, 22.7509 by changing the saturation by 10% instead.

■ 24.4468, 24.0252,
22.7509

■ 24.4468, 24.0252,
22.7509

267.4704,
272.9479, 279.5233

■ 15.7919, 15.3523,
14.2061

■ 50.2077, 50.0713,
48.9020

■ 9.4669, 9.0670,
8.1238

■ 68.0445, 68.2133,
67.3454

■ 5.1065, 4.7849,
4.0853

■ 89.6726, 90.2805,
89.9253

■ 2.3453, 2.1216,
1.6723

115.4573,
116.6573, 117.0605

■ 0.8177, 0.6767,
0.3416

145.7641,
147.7280, 149.1693

■ 0.0000, 0.0000,
0.0000

180.9583,

183.8771, 186.6703

221.4053,
225.4889, 229.9822

■ 24.4468, 24.0252,
22.7509

■ 24.4468, 24.0252,
22.7509

■ 22.0276, 20.6149,
17.5417

■ 27.2062, 27.8809,
28.7977

■ 19.9335, 17.6307,
13.1315

■ 30.3165, 32.1938,
35.7152

■ 18.1508, 15.0567,
9.4812

■ 33.7901, 36.9796,
43.5366

■ 16.6644, 12.8747,
6.5474

■ 37.6385, 42.2521,
52.2931

■ 15.4576, 11.0653,
4.2826

■ 41.8724, 48.0246,
62.0140

■ 14.5122, 9.6072,
2.6334

■ 46.5023, 54.3097,
72.7278

■ 13.8075, 8.4769,
1.5381

■ 51.5381, 61.1197,
84.4614

■ 13.3142, 7.6458,
0.8947

■ 56.9895, 68.4666,
97.2409

■ 13.2033, 7.4607,
0.7442

■ 61.9008, 75.9758,
106.0100

Harmonies

Analogous

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



24.8804, 24.0252, 25.3335



24.4468, 24.0252, 22.7509



23.5844, 24.0252, 21.1696

Triad

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



24.4468, 24.0252, 22.7509



21.0191, 24.0252, 24.0938



23.1279, 24.0252, 32.2727

Complementary

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



24.4468, 24.0252, 22.7509



24.3222, 27.1516, 33.2373

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.



22.1021, 24.0252, 31.8774



24.4468, 24.0252, 22.7509



20.9053, 24.0252, 27.0030

Square

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



24.4468, 24.0252, 22.7509



21.6118, 24.0252, 21.9028



21.2961, 24.0252, 29.8923



24.1040, 24.0252, 30.9345

Rectangle

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



24.4468, 24.0252, 22.7509



22.8933, 24.0252, 20.8211



21.2961, 24.0252, 29.8923



22.7773, 24.0252, 32.3400

Sweetspot

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



24.4475, 24.0263, 22.7514



49.8492, 51.4974, 54.0644



25.3029, 23.3295, 30.4591



11.2512, 11.5951, 12.1135



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.



24.4475, 24.0263, 22.7514



41.8884, 40.3654, 36.6452



26.2519, 27.6352, 23.3529



6.3003, 6.4056, 6.5102



11.2490, 6.3804, 0.6386



0.1889, 0.1369, 0.0165

Inverse Universe

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



24.3222, 27.1516, 33.2373



41.6159, 47.1262, 59.3365



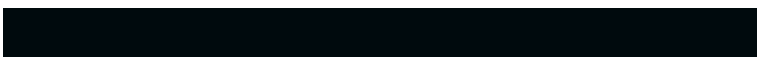
22.4632, 23.4337, 32.6176



6.2836, 6.8245, 7.9150



10.6868, 13.7703, 27.0024



0.1828, 0.2519, 0.4114

Previews

White Background



This preview shows how the XYZ color 24.4468, 24.0252, 22.7509 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 24.4468, 24.0252, 22.7509 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

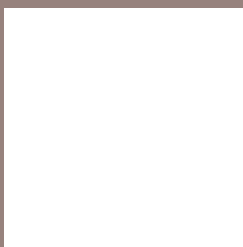
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4468, 24.0252, 22.7509

Background



This preview shows how black text looks on a background with the XYZ color 24.4468, 24.0252, 22.7509.



This preview shows how white text looks on a background with the XYZ color 24.4468, 24.0252,

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

24.4468, 24.0252, 22.7509

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.4468, 24.0252, 22.7509



Tritanopia

25.4435, 24.0456, 27.3450

Trichromacy



Original Color

24.4468, 24.0252, 22.7509

Protanomaly

23.4811, 24.1211, 23.1569

Deuteranomaly

24.4468, 24.0252, 22.7509

Tritanomaly

25.0328, 24.0694, 25.5168

Monochromacy



Original Color

24.4468, 24.0252, 22.7509

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6745, 24.3789, 25.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4468, 24.0252, 22.7509 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(151, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 130, 125)  
}
```

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(151, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.4468, 24.0252, 22.7509 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(151, 130, 125) }
```


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

```
.border{ border-color:rgb(151, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4468, 24.0252, 22.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 130, 125) }
```

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

```
.background{ background-color: rgb(151,  
130, 125) }
```

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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