

Converting Colors

XYZ(22.6067, 21.7059, 22.3601)

Have a look what the booklet for
XYZ(22.6067, 21.7059, 22.3601)
contains.

XYZ(22.6387, 21.7576, 22.4085)	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(22.6387, 21.7576,
22.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	927B7D
RGB	146, 123, 125
RGB Percent	57%, 48%, 49%
CMY	0.4274, 0.5176, 0.5098
CMYK	0.00, 0.16, 0.14, 0.43
HSL	355°, 10%, 53%
HSV	355°, 16%, 57%
XYZ	22.6387, 21.7576, 22.4085
YIQ	130.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

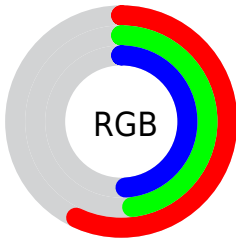
Format	Color
R_{YB}	146, 123, 125
Decimal	9599869
CIE _{Lab}	53.77, 9.21, 2.21
CIE _{LCh}	54, 9.471, 13.493
Yxy	21.7576, 0.3389, 0.3257
Android (android.graphics.Color)	4287789949 (0xFF927B7D)
YUV	130.1050, -2.5168, 13.9399
Hunter-Lab	46.6450, 5.0043, 4.1683

Details

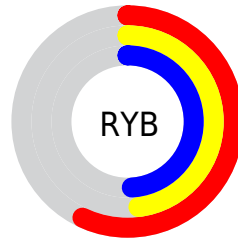
The XYZ color **22.6387, 21.7576, 22.4085** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4822, 26.7829, 30.3188**, and the grayscale version is **21.2611, 22.3684, 24.3592**.

A 20% lighter version of the original color is **47.1853, 46.1537, 48.5411**, and **8.4726, 7.8523, 7.9066** is the 20% darker color. If you saturate the color by 10%, you get **20.1656, 18.0840, 17.6605**, and if you desaturate by 10%, it is **25.4975, 26.0191, 27.8497**.

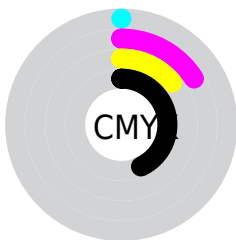
Distribution



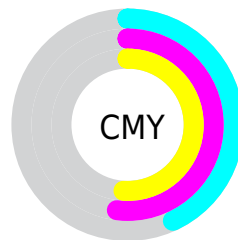
- Red (57%)
- Green (48%)
- Blue (49%)



- Red (57%)
- Yellow (48%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6387, 21.7576, 22.4085 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 22.6387, 21.7576, 22.4085 by changing the saturation by 10% instead.

■ 22.6387, 21.7576,
22.4085

■ 22.6387, 21.7576,
22.4085

258.4340,
261.2778, 277.6950

■ 14.4462, 13.6789,
13.9562

■ 47.2704, 46.3450,
48.3311

■ 8.5154, 7.8977,
7.9518

■ 64.4403, 63.6226,
66.6384

■ 4.4810, 4.0295,
3.9768

■ 85.3334, 84.7351,
89.0678

■ 1.9777, 1.6901,
1.6126

110.3150,
110.0672, 116.0378

■ 0.6214, 0.4172,
0.2998

139.7506,
140.0031, 147.9670

■ 0.0000, 0.0000,
0.0000

174.0053,

174.9272, 185.2739

213.4447,
215.2240, 228.3770

■ 22.6387, 21.7576,
22.4085

■ 22.6387, 21.7576,
22.4085

■ 20.1656, 18.0840,
17.6605

■ 25.4975, 26.0191,
27.8497

■ 18.0600, 14.9698,
13.5764

■ 28.7556, 30.8898,
34.0089

■ 16.3047, 12.3884,
10.1272

■ 32.4282, 36.3932,
40.9114

■ 14.8808, 10.3099,
7.2808

■ 36.5293, 42.5509,
48.5808

■ 13.7673, 8.7015,
5.0025

■ 41.0719, 49.3835,
57.0399

■ 12.9409, 7.5265,
3.2542

■ 46.0688, 56.9105,
66.3101

■ 12.3751, 6.7427,
1.9928

■ 51.5321, 65.1509,
76.4125

■ 12.0335, 6.2905,
1.1671

■ 57.4735, 74.1227,
87.3670

■ 11.9248, 6.1393,
0.9265

■ 63.9042, 83.8434,
99.1931

Harmonies

Analogous

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



22.6105, 21.7576, 25.3161



22.6387, 21.7576, 22.4085



22.1301, 21.7576, 20.0438

Triad

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



22.6387, 21.7576, 22.4085



19.3641, 21.7576, 19.8583



20.1297, 21.7576, 29.4708

Complementary

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



22.6387, 21.7576, 22.4085



23.4822, 26.7829, 30.3188

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.



19.2946, 21.7576, 27.7542



22.6387, 21.7576, 22.4085



18.8626, 21.7576, 22.1357

Square

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



22.6387, 21.7576, 22.4085



20.2274, 21.7576, 18.6549



18.8376, 21.7576, 25.0201



21.1392, 21.7576, 29.5589

Rectangle

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



22.6387, 21.7576, 22.4085



21.5643, 21.7576, 19.0273



18.8376, 21.7576, 25.0201



19.8201, 21.7576, 29.0591

Sweetspot

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



22.6393, 21.7586, 22.4090



45.3320, 46.4257, 49.7969



23.7212, 22.1446, 30.2184



10.0094, 10.2156, 10.9353



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.6393, 21.7586, 22.4090



38.2756, 35.9119, 36.3494



23.7083, 24.0987, 22.1421



5.8200, 5.8231, 6.1585



10.4978, 5.4042, 0.8363



0.1325, 0.0678, 0.0315

Inverse Universe

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



22.6393, 21.7586, 22.4090



38.2756, 35.9119, 36.3494



22.2748, 24.1216, 30.6763



5.8200, 5.8231, 6.1585



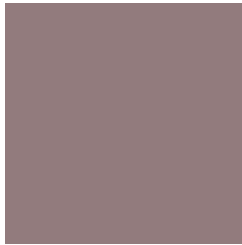
10.4978, 5.4042, 0.8363



0.1325, 0.0678, 0.0315

Previews

White Background



This preview shows how the XYZ color 22.6387, 21.7576, 22.4085 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 22.6387, 21.7576, 22.4085 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

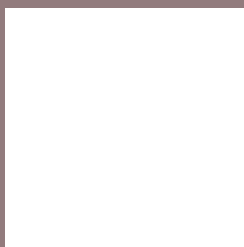
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6387, 21.7576, 22.4085

Background



This preview shows how black text looks on a background with the XYZ color 22.6387, 21.7576, 22.4085.



This preview shows how white text looks on a background with the XYZ color 22.6387, 21.7576,

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

22.6387, 21.7576, 22.4085

Protanopia

20.9755, 21.8222, 23.5286

Deuteranopia

22.0647, 21.6468, 22.4173



Tritanopia

23.0889, 21.7608, 24.4561

Trichromacy



Original Color

22.6387, 21.7576, 22.4085

Protanomaly

21.4450, 21.6883, 23.1347

Deuteranomaly

22.2370, 21.7356, 22.4254

Tritanomaly

22.9546, 21.7071, 23.7489

Monochromacy



Original Color

22.6387, 21.7576, 22.4085

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6390, 21.9715, 23.5225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6387, 21.7576, 22.4085 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(146, 123, 125) looks like.

```
.text, #text, p{  
    color:rgb(146, 123, 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(146, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 123, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.6387, 21.7576, 22.4085 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(146, 123, 125) }
```


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

```
.border{ border-color:rgb(146, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(146, 123,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6387, 21.7576, 22.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 123, 125) }
```

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

```
.background{ background-color: rgb(146,  
123, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor