

Converting Colors

XYZ(23.8944, 24.4399, 22.8604)

Have a look what the booklet for
XYZ(23.8944, 24.4399, 22.8604)
contains.

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Color

**XYZ(23.7663, 24.2755,
22.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	91857D
RGB	145, 133, 125
RGB Percent	57%, 52%, 49%
CMY	0.4314, 0.4784, 0.5098
CMYK	0.00, 0.08, 0.14, 0.43
HSL	24°, 8%, 53%
HSV	24°, 14%, 57%
XYZ	23.7663, 24.2755, 22.8351
YIQ	135.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

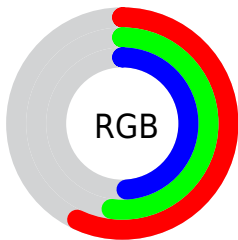
Format	Color
R_{YB}	145, 138, 125
Decimal	9536893
CIE Lab	56.36, 3.09, 5.94
CIE LCh	56, 6.694, 62.485
Yxy	24.2755, 0.3353, 0.3425
Android (android.graphics.Color)	4287726973 (0xFF91857D)
YUV	135.6760, -5.2633, 8.1771
Hunter-Lab	49.2702, -0.1203, 7.0102

Details

The XYZ color **23.7663, 24.2755, 22.8351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5139, 24.2952, 30.2912**, and the grayscale version is **23.2977, 24.5110, 26.6925**.

A 20% lighter version of the original color is **49.1480, 50.4743, 49.2716**, and **9.0909, 9.2421, 8.1422** is the 20% darker color. If you saturate the color by 10%, you get **21.7650, 21.6486, 17.9267**, and if you desaturate by 10%, it is **26.0028, 27.1560, 28.4897**.

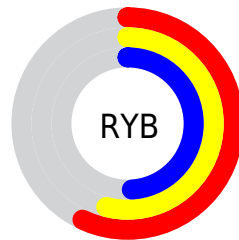
Distribution



Red (57%)

Green (52%)

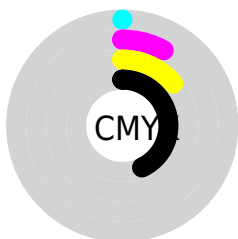
Blue (49%)



Red (57%)

Yellow (54%)

Blue (49%)

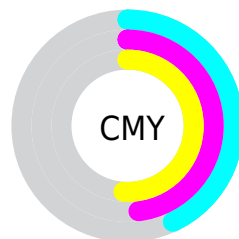


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7663, 24.2755, 22.8351 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 23.7663, 24.2755, 22.8351 by changing the saturation by 10% instead.

■ 23.7663, 24.2755,
22.8351

■ 23.7663, 24.2755,
22.8351

264.0993,
274.2104, 279.9713

■ 15.2841, 15.5381,
14.2676

■ 49.1060, 50.4794,
49.0422

■ 9.1067, 9.1979,
8.1662

■ 66.6943, 68.7147,
67.5189

■ 4.8685, 4.8705,
4.1122

■ 88.0487, 90.8848,
90.1357

■ 2.2043, 2.1715,
1.6871

113.5345,
117.3740, 117.3113

■ 0.7450, 0.7044,
0.3519

143.5171,
148.5668, 149.4641

■ 0.0000, 0.0000,
0.0000

178.3619,

184.8475, 187.0127

218.4341,
226.6006, 230.3756

■ 23.7663, 24.2755,
22.8351

■ 23.7663, 24.2755,
22.8351

■ 21.7650, 21.6486,
17.9267

■ 26.0028, 27.1560,
28.4897

■ 19.9888, 19.2648,
13.7315

■ 28.4803, 30.2935,
34.9186

■ 18.4295, 17.1179,
10.2162

■ 31.2069, 33.6957,
42.1503

■ 17.0778, 15.2000,
7.3441

■ 34.1896, 37.3688,
50.2114

■ 15.9236, 13.5028,
5.0753

■ 37.4352, 41.3189,
59.1274

■ 14.9558, 12.0172,
3.3651

■ 40.9503, 45.5518,
68.9225

■ 14.1618, 10.7336,
2.1625

■ 44.7410, 50.0731,
79.6199

■ 13.5273, 9.6411,
1.4064

■ 48.8135, 54.8885,
91.2423

■ 13.1912, 9.0479,
1.0512

■ 53.0927, 59.9708,
103.3850

Harmonies

Analogous

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



24.3491, 24.2755, 24.2120



23.7663, 24.2755, 22.8351



23.0088, 24.2755, 22.4049

Triad

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



23.7663, 24.2755, 22.8351



21.6205, 24.2755, 26.6168



23.8803, 24.2755, 30.1858

Complementary

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



23.7663, 24.2755, 22.8351



22.5139, 24.2952, 30.2912

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.



23.1376, 24.2755, 30.9146



23.7663, 24.2755, 22.8351



21.8425, 24.2755, 28.7835

Square

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



23.7663, 24.2755, 22.8351



21.7805, 24.2755, 24.5146



22.3936, 24.2755, 30.3878



24.4160, 24.2755, 28.4466

Rectangle

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



23.7663, 24.2755, 22.8351



22.5096, 24.2755, 22.6923



22.3936, 24.2755, 30.3878



23.6460, 24.2755, 30.5613

Sweetspot

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



23.7670, 24.2766, 22.8356



46.4443, 48.4755, 50.7067



23.5264, 22.4935, 26.7690



10.2676, 10.7016, 11.1155



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.



23.7670, 24.2766, 22.8356



41.2385, 41.7481, 37.6136



25.2015, 27.1457, 23.3138



5.5749, 5.7561, 5.7066



11.3386, 7.8090, 0.9097



0.1290, 0.1158, 0.0156

Inverse Universe

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



22.5139, 24.2952, 30.2912



38.4823, 41.7885, 54.0113



21.1580, 21.5834, 29.8392



5.3816, 5.7590, 6.8567



7.3315, 7.6490, 24.0671



0.0917, 0.1164, 0.2373

Previews

White Background



This preview shows how the XYZ color 23.7663, 24.2755, 22.8351 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 23.7663, 24.2755, 22.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

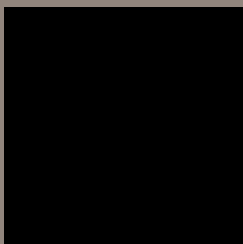
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

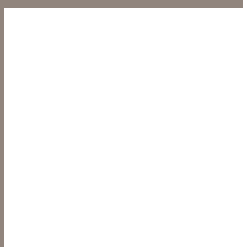
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.7663, 24.2755, 22.8351

Background



This preview shows how black text looks on a background with the XYZ color 23.7663, 24.2755, 22.8351.

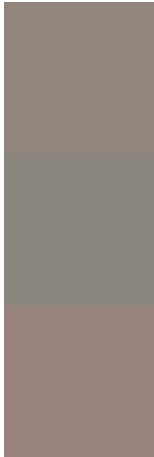


This preview shows how white text looks on a background with the XYZ color 23.7663, 24.2755,

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

23.7663, 24.2755, 22.8351

Protanopia

23.2451, 24.4098, 23.2251

Deuteranopia

24.6332, 24.1213, 22.7596



Tritanopia

24.9566, 24.3587, 28.5857

Trichromacy



Original Color

23.7663, 24.2755, 22.8351

Protanomaly

23.4463, 24.3073, 23.1947

Deuteranomaly

24.2124, 24.1028, 22.7782

Tritanomaly

24.4785, 24.3628, 26.3340

Monochromacy



Original Color

23.7663, 24.2755, 22.8351

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4763, 24.4829, 25.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7663, 24.2755, 22.8351 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(145, 133, 125) looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 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(145, 133, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.7663, 24.2755, 22.8351 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(145, 133, 125) }
```


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

```
.border{ border-color:rgb(145, 133, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 133, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 125);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7663, 24.2755, 22.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 125) }
```

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

```
.background{ background-color: rgb(145,  
133, 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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