

Converting Colors

XYZ(24.4200, 24.6199, 22.5338)

Have a look what the booklet for
XYZ(24.4200, 24.6199, 22.5338)
contains.

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Color

**XYZ(24.4200, 24.6199,
22.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	95857C
RGB	149, 133, 124
RGB Percent	58%, 52%, 49%
CMY	0.4157, 0.4784, 0.5137
CMYK	0.00, 0.11, 0.17, 0.42
HSL	22°, 11%, 54%
HSV	22°, 17%, 58%
XYZ	24.4200, 24.6199, 22.5338
YIQ	136.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

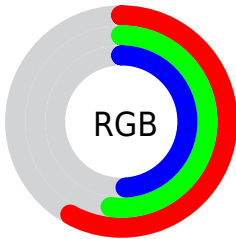
Format	Color
R_{YB}	149, 138, 124
Decimal	9799036
CIE _{Lab}	56.70, 4.49, 7.05
CIE _{LCh}	57, 8.356, 57.525
Yxy	24.6199, 0.3412, 0.3440
Android (android.graphics.Color)	4287989116 (0xFF95857C)
YUV	136.7580, -6.2897, 10.7362
Hunter-Lab	49.6184, 1.0175, 7.8069

Details

The XYZ color **24.4200, 24.6199, 22.5338** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1148, 25.2103, 32.0816**, and the grayscale version is **23.7068, 24.9414, 27.1611**.

A 20% lighter version of the original color is **50.0240, 50.9489, 48.2719**, and **9.4773, 9.4453, 7.9802** is the 20% darker color. If you saturate the color by 10%, you get **22.3016, 21.7787, 17.5248**, and if you desaturate by 10%, it is **26.8006, 27.7572, 28.3333**.

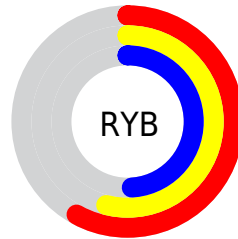
Distribution



Red (58%)

Green (52%)

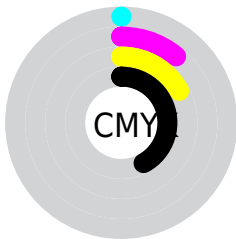
Blue (49%)



Red (58%)

Yellow (54%)

Blue (49%)

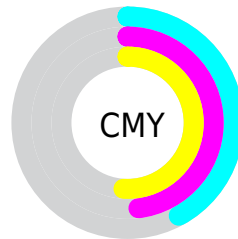


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (42%)



Cyan (42%)


Magenta (48%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4200, 24.6199, 22.5338 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 24.4200, 24.6199, 22.5338 by changing the saturation by 10% instead.


 24.4200, 24.6199,
22.5338


 24.4200, 24.6199,
22.5338


267.3383,
275.9397, 278.3653


 15.7719, 15.7941,
14.0476


 50.1644, 51.0399,
48.5401

 9.4527, 9.3786,
8.0146


 67.9914, 69.4029,
66.8973

 5.0971, 4.9889,
4.0164


 89.6088, 91.7138,
89.3820

 2.3397, 2.2408,
1.6344

115.3819,
118.3569, 116.4126

 0.8149, 0.7421,
0.3152

145.6760,
149.7166, 148.4076

 0.0000, 0.0000,
0.0000

180.8565,

186.1774, 185.7858

221.2888,
228.1236, 228.9654

■ 24.4200, 24.6199,
22.5338

■ 24.4200, 24.6199,
22.5338

■ 22.3016, 21.7787,
17.5248

■ 26.8006, 27.7572,
28.3333

■ 20.4340, 19.2216,
13.2702

■ 29.4505, 31.1959,
34.9542

■ 18.8076, 16.9403,
9.7332

■ 32.3788, 34.9449,
42.4276

■ 17.4117, 14.9250,
6.8736

■ 35.5937, 39.0122,
50.7825

■ 16.2343, 13.1653,
4.6470

■ 39.1030, 43.4052,
60.0466

■ 15.2626, 11.6500,
3.0035

■ 42.9141, 48.1310,
70.2464

■ 14.4819, 10.3667,
1.8856

■ 47.0343, 53.1967,
81.4071

■ 13.8707, 9.3000,
1.2019

■ 51.4706, 58.6091,
93.5531

■ 13.6979, 8.9964,
1.0145

■ 55.7263, 64.1733,
104.0573

Harmonies

Analogous

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



25.1000, 24.6199, 24.4049



24.4200, 24.6199, 22.5338



23.4814, 24.6199, 21.7997

Triad

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



24.4200, 24.6199, 22.5338



21.5797, 24.6199, 26.5761



24.2763, 24.6199, 31.8476

Complementary

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



24.4200, 24.6199, 22.5338



23.1148, 25.2103, 32.0816

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.



23.3197, 24.6199, 32.5275



24.4200, 24.6199, 22.5338



21.7794, 24.6199, 29.3615

Square

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



24.4200, 24.6199, 22.5338



21.8566, 24.6199, 24.0302



22.4097, 24.6199, 31.5887



25.0154, 24.6199, 29.7896

Rectangle

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



24.4200, 24.6199, 22.5338



22.8413, 24.6199, 22.0128



22.4097, 24.6199, 31.5887



23.9687, 24.6199, 32.2509

Sweetspot

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



24.4207, 24.6210, 22.5343



48.7579, 50.7039, 52.6249



24.3543, 22.7060, 28.0069



10.7413, 11.1530, 11.5036



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.



24.4207, 24.6210, 22.5343



42.3044, 42.1863, 36.9411



26.1962, 28.1722, 23.1262



5.9616, 6.1369, 6.1108



11.5549, 7.6241, 0.8626



0.1675, 0.1456, 0.0193

Inverse Universe

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



23.1148, 25.2103, 32.0816



39.5296, 43.4369, 57.2220



21.4238, 21.8285, 31.5179



5.7902, 6.2144, 7.3641



8.0644, 8.8236, 25.2091



0.1267, 0.1640, 0.3179

Previews

White Background



This preview shows how the XYZ color 24.4200, 24.6199, 22.5338 looks on a white background.

Color Contrast Check

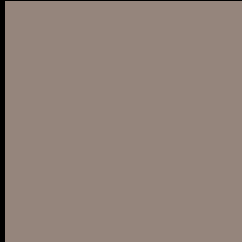
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4200, 24.6199, 22.5338 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 24.4200, 24.6199, 22.5338

Background



This preview shows how black text looks on a background with the XYZ color 24.4200, 24.6199, 22.5338.



This preview shows how white text looks on a background with the XYZ color 24.4200, 24.6199,

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

24.4200, 24.6199, 22.5338

Protanopia

23.4903, 24.7517, 22.9415

Deuteranopia

25.0808, 24.5579, 22.4870



Tritanopia

25.6865, 24.7350, 28.6198

Trichromacy



Original Color

24.4200, 24.6199, 22.5338

Protanomaly

23.8672, 24.7379, 22.9190

Deuteranomaly

24.8382, 24.6332, 22.5143

Tritanomaly

25.2021, 24.7358, 26.3679

Monochromacy



Original Color

24.4200, 24.6199, 22.5338

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.9535, 24.9370, 25.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4200, 24.6199, 22.5338 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, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(149, 133, 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(149, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 133, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.4200, 24.6199, 22.5338 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, 133, 124) }
```


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

```
.border{ border-color:rgb(149, 133, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 133, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(149, 133,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4200, 24.6199, 22.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 133, 124) }
```

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

```
.background{ background-color: rgb(149,  
133, 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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