

Converting Colors

XYZ(24.3505, 24.6347, 22.2107)

Have a look what the booklet for
XYZ(24.3505, 24.6347, 22.2107)
contains.

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Color

**XYZ(24.3571, 24.5947,
22.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	95857B
RGB	149, 133, 123
RGB Percent	58%, 52%, 48%
CMY	0.4157, 0.4784, 0.5176
CMYK	0.00, 0.11, 0.17, 0.42
HSL	23°, 11%, 53%
HSV	23°, 17%, 58%
XYZ	24.3571, 24.5947, 22.2024
YIQ	136.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

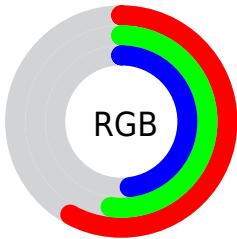
Format	Color
RYB	149, 139, 123
Decimal	9799035
CIELab	56.68, 4.32, 7.59
CIELCh	57, 8.733, 60.349
Yxy	24.5947, 0.3423, 0.3457
Android (android.graphics.Color)	4287989115 (0xFF95857B)
YUV	136.6440, -6.7265, 10.8362
Hunter-Lab	49.5930, 0.8806, 8.1715

Details

The XYZ color **24.3571, 24.5947, 22.2024** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8256, 24.8455, 32.0265**, and the grayscale version is **23.6653, 24.8977, 27.1136**.

A 20% lighter version of the original color is **49.9254, 50.9095, 47.7526**, and **9.4434, 9.4317, 7.8014** is the 20% darker color. If you saturate the color by 10%, you get **22.2938, 21.8488, 17.2578**, and if you desaturate by 10%, it is **26.6733, 27.6187, 27.9324**.

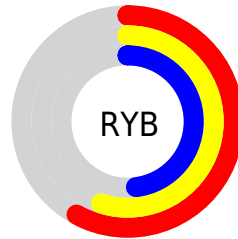
Distribution



Red (58%)

Green (52%)

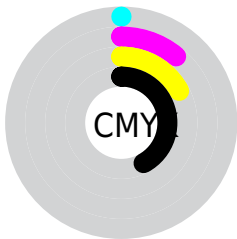
Blue (48%)



Red (58%)

Yellow (55%)

Blue (48%)

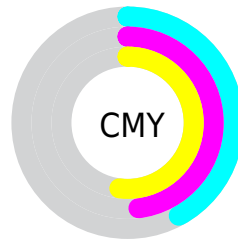


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3571, 24.5947, 22.2024 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 24.3571, 24.5947, 22.2024 by changing the saturation by 10% instead.

■ 24.3571, 24.5947,
22.2024

■ 24.3571, 24.5947,
22.2024

267.0280,
275.8135, 276.5893

■ 15.7249, 15.7754,
13.8060

■ 50.0628, 50.9989,
47.9868

■ 9.4193, 9.3653,
7.8486

■ 67.8669, 69.3526,
66.2118

■ 5.0750, 4.9802,
3.9119

■ 89.4591, 91.6532,
88.5500

■ 2.3265, 2.2357,
1.5771

115.2047,
118.2851, 115.4201

■ 0.8082, 0.7393,
0.2744

145.4690,
149.6327, 147.2406

■ 0.0000, 0.0000,
0.0000

180.6174,

186.0803, 184.4299

221.0153,
228.0124, 227.4066

■ 24.3571, 24.5947,
22.2024

■ 24.3571, 24.5947,
22.2024

■ 22.2938, 21.8488,
17.2578

■ 26.6733, 27.6187,
27.9324

■ 20.4722, 19.3696,
13.0624

■ 29.2491, 30.9254,
34.4786

■ 18.8833, 17.1496,
9.5794

■ 32.0933, 34.5232,
41.8721

■ 17.5163, 15.1798,
6.7684

■ 35.2139, 38.4192,
50.1421

■ 16.3601, 13.4505,
4.5848

■ 38.6184, 42.6205,
59.3161

■ 15.4018, 11.9514,
2.9785

■ 42.3140, 47.1335,
69.4206

■ 14.6273, 10.6711,
1.8916

■ 46.3076, 51.9649,
80.4808

■ 14.0136, 9.5945,
1.2225

■ 50.6059, 57.1208,
92.5213

■ 13.8738, 9.3481,
1.0731

■ 54.8753, 62.4713,
103.7737

Harmonies

Analogous

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



25.1045, 24.5947, 24.0489



24.3571, 24.5947, 22.2024



23.3646, 24.5947, 21.5617

Triad

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



24.3571, 24.5947, 22.2024



21.4756, 24.5947, 26.8135



24.3783, 24.5947, 31.9076

Complementary

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



24.3571, 24.5947, 22.2024



22.8256, 24.8455, 32.0265

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.



23.3884, 24.5947, 32.7776



24.3571, 24.5947, 22.2024



21.7297, 24.5947, 29.7092

Square

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



24.3571, 24.5947, 22.2024



21.7184, 24.5947, 24.1039



22.4226, 24.5947, 31.9459



25.1170, 24.5947, 29.6460

Rectangle

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



24.3571, 24.5947, 22.2024



22.7033, 24.5947, 21.8654



22.4226, 24.5947, 31.9459



24.0630, 24.5947, 32.3795

Sweetspot

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



24.3578, 24.5958, 22.2029



48.8087, 50.8055, 52.6418



24.1403, 22.4209, 27.4944



10.7539, 11.1782, 11.5078



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.



24.3578, 24.5958, 22.2029



42.0984, 42.0328, 36.0755



26.2435, 28.3673, 22.8315



5.9728, 6.1594, 6.1146



11.7038, 7.9219, 0.9122



0.1703, 0.1510, 0.0202

Inverse Universe

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



22.8256, 24.8455, 32.0265



38.8200, 42.5657, 57.0912



21.0586, 21.3115, 31.4375



5.7786, 6.1912, 7.3602



7.7924, 8.2796, 25.1185



0.1240, 0.1586, 0.3170

Previews

White Background



This preview shows how the XYZ color 24.3571, 24.5947, 22.2024 looks on a white background.

Color Contrast Check

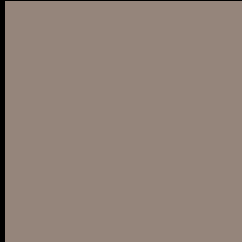
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3571, 24.5947, 22.2024 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 24.3571, 24.5947, 22.2024

Background



This preview shows how black text looks on a background with the XYZ color 24.3571, 24.5947, 22.2024.



This preview shows how white text looks on a background with the XYZ color 24.3571, 24.5947,

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

24.3571, 24.5947, 22.2024

Protanopia

23.4268, 24.7263, 22.6067

Deuteranopia

25.0179, 24.5327, 22.1556



Tritanopia

25.5528, 24.4677, 28.5753

Trichromacy



Original Color

24.3571, 24.5947, 22.2024

Protanomaly

23.8037, 24.7125, 22.5842

Deuteranomaly

24.7753, 24.6080, 22.1829

Tritanomaly

24.9971, 24.4379, 25.9537

Monochromacy



Original Color

24.3571, 24.5947, 22.2024

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 24.3571, 24.5947, 22.2024 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, 123) looks like.

```
.text, #text, p{  
    color:rgb(149, 133, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 133, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.3571, 24.5947, 22.2024 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, 123) }
```


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

```
.border{ border-color:rgb(149, 133, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(149, 133,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3571, 24.5947, 22.2024 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, 123) }
```

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

```
.background{ background-color: rgb(149,  
133, 123) }
```

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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