

Converting Colors

XYZ(24.4356, 22.8273, 25.6448)

Have a look what the booklet for
XYZ(24.4356, 22.8273, 25.6448)
contains.

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Color

**XYZ(24.4596, 22.8119,
25.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	987C86
RGB	152, 124, 134
RGB Percent	60%, 49%, 53%
CMY	0.4039, 0.5137, 0.4745
CMYK	0.00, 0.18, 0.12, 0.40
HSL	339°, 12%, 54%
HSV	339°, 18%, 60%
XYZ	24.4596, 22.8119, 25.6682
YIQ	133.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

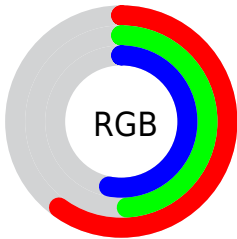
Format	Color
R_{YB}	152, 124, 134
Decimal	9993350
CIE Lab	54.88, 12.53, -1.35
CIE LCh	55, 12.597, 353.866
Yxy	22.8119, 0.3353, 0.3128
Android (android.graphics.Color)	4288183430 (0xFF987C86)
YUV	133.5120, 0.2406, 16.2140
Hunter-Lab	47.7618, 7.8296, 1.5696

Details

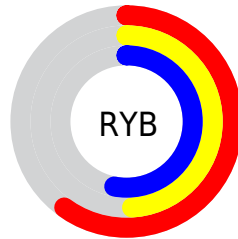
The XYZ color **24.4596, 22.8119, 25.6682** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4238, 28.6951, 29.8440**, and the grayscale version is **22.4773, 23.6479, 25.7525**.

A 20% lighter version of the original color is **50.4239, 48.2975, 53.6784**, and **9.4831, 8.4389, 9.5166** is the 20% darker color. If you saturate the color by 10%, you get **22.0493, 19.0319, 21.6560**, and if you desaturate by 10%, it is **27.2279, 27.2064, 30.1111**.

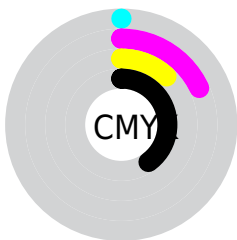
Distribution



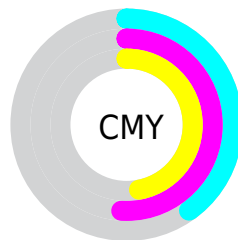
- Red (60%)
- Green (49%)
- Blue (53%)



- Red (60%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4596, 22.8119, 25.6682 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 24.4596, 22.8119, 25.6682 by changing the saturation by 10% instead.

■ 24.4596, 22.8119,
25.6682

■ 24.4596, 22.8119,
25.6682

267.5335,
266.7574, 294.7029

■ 15.8015, 14.4547,
16.3520

■ 50.2284, 48.0843,
53.7167

■ 9.4737, 8.4376,
9.6166

■ 68.0698, 65.7682,
73.2861

■ 5.1110, 4.3762,
5.0432

■ 89.7030, 87.3299,
97.1103

■ 2.3480, 1.8861,
2.2135

115.4934,
113.1536, 125.6079

■ 0.8190, 0.5400,
0.6821

145.8062,
143.6238, 159.1975

■ 0.0000, 0.0000,
0.0000

181.0070,

179.1250, 198.2975

221.4609,
220.0413, 243.3264

■ 24.4596, 22.8119,
25.6682

■ 24.4596, 22.8119,
25.6682

■ 22.0493, 19.0319,
21.6560

■ 27.2279, 27.2064,
30.1111

■ 19.9798, 15.8358,
18.0596

■ 30.3663, 32.2381,
34.9959

■ 18.2357, 13.1952,
14.8653

■ 33.8890, 37.9323,
40.3355

■ 16.7993, 11.0776,
12.0581

■ 37.8086, 44.3120,
46.1414

■ 15.6513, 9.4477,
9.6219

■ 42.1372, 51.3990,
52.4251

■ 14.7700, 8.2653,
7.5394

■ 46.8864, 59.2143,
59.1974

■ 14.1304, 7.4839,
5.7915

■ 52.0674, 67.7779,
66.4688

■ 13.6845, 7.0114,
4.3506

■ 57.6909, 77.1090,
74.2495

■ 13.6214, 6.9444,
4.1466

■ 61.8875, 83.4668,
81.9228

Harmonies

Analogous

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



23.9211, 22.8119, 29.6488



24.4596, 22.8119, 25.6682



24.2285, 22.8119, 21.8583

Triad

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



24.4596, 22.8119, 25.6682



20.6149, 22.8119, 18.4551



20.1386, 22.8119, 31.5728

Complementary

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



24.4596, 22.8119, 25.6682



24.4238, 28.6951, 29.8440

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.



19.3206, 22.8119, 28.0775



24.4596, 22.8119, 25.6682



19.5872, 22.8119, 20.5785

Square

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



24.4596, 22.8119, 25.6682



21.9699, 22.8119, 17.9570



19.1231, 22.8119, 24.0264



21.3967, 22.8119, 33.2852

Rectangle

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



24.4596, 22.8119, 25.6682



23.6738, 22.8119, 19.8865



19.1231, 22.8119, 24.0264



19.8052, 22.8119, 30.5505

Sweetspot

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



24.4602, 22.8129, 25.6687



49.2760, 49.9650, 55.0637



23.9856, 22.4106, 32.7675



11.1289, 11.2430, 12.4039



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.



24.4602, 22.8129, 25.6687



41.3942, 37.4641, 42.3782



24.2722, 23.5005, 22.3267



6.2954, 6.2573, 6.9356



11.4349, 5.8282, 3.5490



0.1873, 0.0937, 0.1389

Inverse Universe

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



24.4602, 22.8129, 25.6687



41.3942, 37.4641, 42.3782



24.6122, 27.8163, 33.7779



6.2954, 6.2573, 6.9356



11.4349, 5.8282, 3.5490



0.1873, 0.0937, 0.1389

Previews

White Background



This preview shows how the XYZ color 24.4596, 22.8119, 25.6682 looks on a white background.

Color Contrast Check

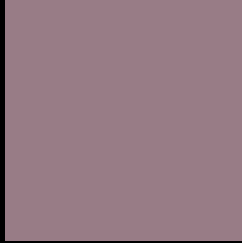
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4596, 22.8119, 25.6682 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 24.4596, 22.8119, 25.6682

Background



This preview shows how black text looks on a background with the XYZ color 24.4596, 22.8119, 25.6682.



This preview shows how white text looks on a background with the XYZ color 24.4596, 22.8119,

25.6682.

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

24.4596, 22.8119, 25.6682

Protanopia

22.2195, 22.9731, 27.3079

Deuteranopia

23.1507, 22.7118, 25.3540



Tritanopia

24.4596, 22.8119, 25.6682

Trichromacy



Original Color

24.4596, 22.8119, 25.6682

Protanomaly

22.8820, 22.7335, 26.8489

Deuteranomaly

23.5486, 22.7262, 25.3357

Tritanomaly

24.4596, 22.8119, 25.6682

Monochromacy



Original Color

24.4596, 22.8119, 25.6682

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2702, 23.3492, 25.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4596, 22.8119, 25.6682 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(152, 124, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 134)  
}
```

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(152, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 134) }
```

Border

The CSS property to change the border of an element to XYZ 24.4596, 22.8119, 25.6682 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(152, 124, 134) }
```


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

```
.border{ border-color:rgb(152, 124, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4596, 22.8119, 25.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 134) }
```

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

```
.background{ background-color: rgb(152,  
124, 134) }
```

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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