

Converting Colors

XYZ(24.8740, 24.7004, 22.8902)

Have a look what the booklet for
XYZ(24.8740, 24.7004, 22.8902)
contains.

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Color

**XYZ(24.9018, 24.6586,
22.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	98847D
RGB	152, 132, 125
RGB Percent	60%, 52%, 49%
CMY	0.4039, 0.4823, 0.5098
CMYK	0.00, 0.13, 0.18, 0.40
HSL	16°, 12%, 54%
HSV	16°, 18%, 60%
XYZ	24.9018, 24.6586, 22.8492
YIQ	137.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

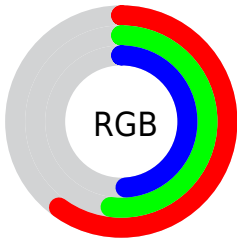
Format	Color
R_{YB}	152, 134, 125
Decimal	9995389
CIE _{Lab}	56.74, 6.40, 6.57
CIE _{LCh}	57, 9.168, 45.735
Yxy	24.6586, 0.3439, 0.3405
Android (android.graphics.Color)	4288185469 (0xFF98847D)
YUV	137.1820, -6.0057, 12.9954
Hunter-Lab	49.6574, 2.6122, 7.4787

Details

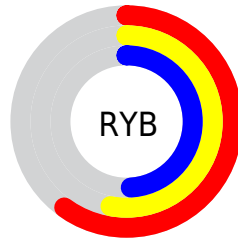
The XYZ color **24.9018, 24.6586, 22.8492** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2501, 26.8771, 33.6155**, and the grayscale version is **23.8655, 25.1084, 27.3430**.

A 20% lighter version of the original color is **51.1170, 51.1777, 49.3036**, and **9.7646, 9.4750, 8.1517** is the 20% darker color. If you saturate the color by 10%, you get **22.5592, 21.4101, 17.6387**, and if you desaturate by 10%, it is **27.5592, 28.2983, 28.8984**.

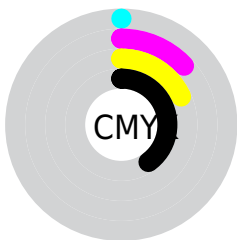
Distribution



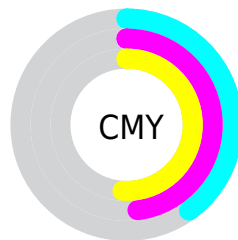
- Red (60%)
- Green (52%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9018, 24.6586, 22.8492 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 24.9018, 24.6586, 22.8492 by changing the saturation by 10% instead.

■ 24.9018, 24.6586,
22.8492

■ 24.9018, 24.6586,
22.8492

269.7052,
276.1335, 280.0463

■ 16.1322, 15.8229,
14.2779

■ 50.9419, 51.1028,
49.0656

■ 9.7092, 9.3989,
8.1733

■ 68.9432, 69.4801,
67.5479

■ 5.2674, 5.0023,
4.1167

■ 90.7524, 91.8068,
90.1709

■ 2.4413, 2.2486,
1.6896

116.7349,
118.4671, 117.3533

■ 0.8658, 0.7463,
0.3536

147.2561,
149.8455, 149.5134

■ 0.0000, 0.0000,
0.0000

182.6813,

186.3265, 187.0699

223.3759,
228.2943, 230.4414

■ 24.9018, 24.6586,
22.8492

■ 24.9018, 24.6586,
22.8492

■ 22.5592, 21.4101,
17.6387

■ 27.5592, 28.2983,
28.8984

■ 20.5173, 18.5363,
13.2281

■ 30.5405, 32.3384,
35.8196

■ 18.7642, 16.0245,
9.5780

■ 33.8573, 36.7918,
43.6461

■ 17.2861, 13.8600,
6.6447

■ 37.5196, 41.6699,
52.4093

■ 16.0683, 12.0270,
4.3804

■ 41.5373, 46.9838,
62.1386

■ 15.0942, 10.5085,
2.7312

■ 45.9197, 52.7438,
72.8626

■ 14.3454, 9.2856,
1.6346

■ 50.6758, 58.9603,
84.6084

■ 13.7935, 8.3348,
0.9794

■ 55.8144, 65.6431,
97.4021

■ 13.6885, 8.1545,
0.8525

■ 60.2291, 72.3558,
105.3994

Harmonies

Analogous

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



25.4725, 24.6586, 25.2836



24.9018, 24.6586, 22.8492



23.9475, 24.6586, 21.5371

Triad

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



24.9018, 24.6586, 22.8492



21.5006, 24.6586, 25.4241



23.9993, 24.6586, 32.9248

Complementary

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



24.9018, 24.6586, 22.8492



24.2501, 26.8771, 33.6155

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.



22.9343, 24.6586, 32.9696



24.9018, 24.6586, 22.8492



21.5135, 24.6586, 28.4777

Square

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



24.9018, 24.6586, 22.8492



21.9955, 24.6586, 22.9453



22.0313, 24.6586, 31.2903



24.9407, 24.6586, 31.1722

Rectangle

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



24.9018, 24.6586, 22.8492



23.2324, 24.6586, 21.4060



22.0313, 24.6586, 31.2903



23.6433, 24.6586, 33.1443

Sweetspot

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



24.9025, 24.6597, 22.8497



49.9903, 51.7798, 54.1115



25.4129, 23.3950, 30.0657



11.2871, 11.6669, 12.1255



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.



24.9025, 24.6597, 22.8497



42.3842, 41.3571, 36.8105



26.8144, 28.4835, 23.4870



6.3326, 6.4703, 6.5210



11.4997, 6.8819, 0.7222



0.1982, 0.1555, 0.0196

Inverse Universe

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



24.2501, 26.8771, 33.6155



41.0300, 45.9543, 59.1412



22.3427, 23.0621, 32.9797



6.2489, 6.7552, 7.9035



9.6896, 11.7760, 26.6700



0.1735, 0.2334, 0.4083

Previews

White Background



This preview shows how the XYZ color 24.9018, 24.6586, 22.8492 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 24.9018, 24.6586, 22.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

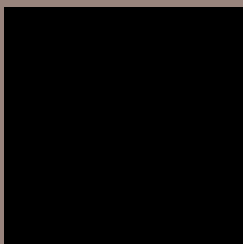
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

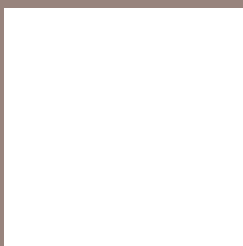
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9018, 24.6586, 22.8492

Background



This preview shows how black text looks on a background with the XYZ color 24.9018, 24.6586, 22.8492.



This preview shows how white text looks on a background with the XYZ color 24.9018, 24.6586,

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

24.9018, 24.6586, 22.8492

Protanopia

23.6194, 24.8033, 23.6213

Deuteranopia

24.9548, 24.4856, 22.8130



Tritanopia

26.0427, 24.7287, 28.2115

Trichromacy



Original Color

24.9018, 24.6586, 22.8492

Protanomaly

24.1069, 24.8540, 23.2654

Deuteranomaly

24.9548, 24.4856, 22.8130

Tritanomaly

25.6263, 24.7542, 26.3490

Monochromacy



Original Color

24.9018, 24.6586, 22.8492

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0529, 24.7722, 25.7041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9018, 24.6586, 22.8492 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, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 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(152, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.9018, 24.6586, 22.8492 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, 132, 125) }
```


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

```
.border{ border-color:rgb(152, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9018, 24.6586, 22.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 125) }
```

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

```
.background{ background-color: rgb(152,  
132, 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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