

Converting Colors

XYZ(23.9084, 25.4062, 19.0577)

Have a look what the booklet for
XYZ(23.9084, 25.4062, 19.0577)
contains.

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Color

**XYZ(23.8672, 25.4578,
18.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	928A70
RGB	146, 138, 112
RGB Percent	57%, 54%, 44%
CMY	0.4274, 0.4588, 0.5608
CMYK	0.00, 0.05, 0.23, 0.43
HSL	46°, 13%, 51%
HSV	46°, 23%, 57%
XYZ	23.8672, 25.4578, 18.9851
YIQ	137.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

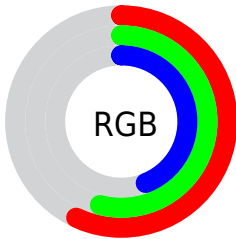
Format	Color
R_{YB}	122, 146, 112
Decimal	9603696
CIE Lab	57.52, -1.45, 15.02
CIE LCh	58, 15.093, 95.497
Yxy	25.4578, 0.3494, 0.3727
Android (android.graphics.Color)	4287793776 (0xFF928A70)
YUV	137.4280, -12.5360, 7.5176
Hunter-Lab	50.4557, -3.8612, 13.0098

Details

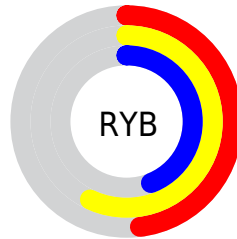
The XYZ color **23.8672, 25.4578, 18.9851** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.5868, 18.9526, 29.8730**, and the grayscale version is **23.9830, 25.2320, 27.4777**.

A 20% lighter version of the original color is **49.1511, 52.2213, 42.6111**, and **9.1345, 9.7825, 6.2573** is the 20% darker color. If you saturate the color by 10%, you get **22.6346, 24.1897, 14.8836**, and if you desaturate by 10%, it is **25.2485, 26.8121, 23.7871**.

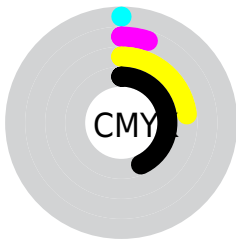
Distribution



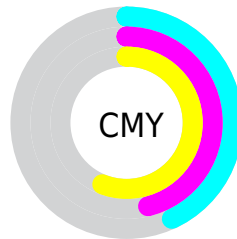
- Red (57%)
- Green (54%)
- Blue (44%)



- Red (48%)
- Yellow (57%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8672, 25.4578, 18.9851 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 23.8672, 25.4578, 18.9851 by changing the saturation by 10% instead.

■ 23.8672, 25.4578,
18.9851

■ 23.8672, 25.4578,
18.9851

264.6013,
280.1102, 258.7865

■ 15.3593, 16.4185,
11.4828

■ 49.2697, 52.3989,
42.5453

■ 9.1599, 9.8207,
6.2743

■ 66.8950, 71.0695,
59.4403

■ 4.9036, 5.2803,
2.9411

■ 88.2901, 93.7193,
80.3032

■ 2.2250, 2.4126,
1.0647

■ 113.8205,
120.7327, 105.5527

■ 0.7559, 0.8324,
0.0000

143.8515,
152.4941, 135.6072

■ 0.0000, 0.0000,
0.0000

178.7484,

189.3879, 170.8853

218.8765,
231.7985, 211.8056

■ 23.8672, 25.4578,
18.9851

■ 23.8672, 25.4578,
18.9851

■ 22.6346, 24.1897,
14.8836

■ 25.2485, 26.8121,
23.7871

■ 21.5424, 23.0016,
11.4477

■ 26.7827, 28.2518,
29.3194

■ 20.5840, 21.8915,
8.6416

■ 28.4760, 29.7805,
35.6117

■ 19.7519, 20.8561,
6.4257

■ 30.3339, 31.4006,
42.6917

■ 19.0376, 19.8919,
4.7556

■ 32.3616, 33.1145,
50.5858

■ 18.4312, 18.9946,
3.5811

■ 34.5638, 34.9242,
59.3190

■ 17.9213, 18.1594,
2.8420

■ 36.9452, 36.8318,
68.9154

■ 17.6109, 17.6246,
2.4737

■ 39.5105, 38.8394,
79.3979

■ 42.2638, 40.9488,
90.7887

Harmonies

Analogous

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



25.6593, 25.4578, 19.6502



23.8672, 25.4578, 18.9851



22.2443, 25.4578, 20.4140

Triad

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



23.8672, 25.4578, 18.9851



21.4898, 25.4578, 33.8754



27.4812, 25.4578, 32.0320

Complementary

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



23.8672, 25.4578, 18.9851



18.5868, 18.9526, 29.8730

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.



26.2605, 25.4578, 36.5874



23.8672, 25.4578, 18.9851



22.7911, 25.4578, 37.7406

Square

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



23.8672, 25.4578, 18.9851



20.9160, 25.4578, 28.6786



24.5296, 25.4578, 38.7897



27.8041, 25.4578, 26.7815

Rectangle

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



23.8672, 25.4578, 18.9851



21.4580, 25.4578, 22.4802



24.5296, 25.4578, 38.7897



27.1594, 25.4578, 33.7149

Sweetspot

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



23.8679, 25.4589, 18.9856



46.1714, 48.8416, 47.8046



21.0691, 19.0679, 20.4991



10.2414, 10.8374, 10.5265



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.



23.8679, 25.4589, 18.9856



40.9250, 43.7119, 29.5222



23.6025, 27.0886, 19.3142



6.1510, 6.5158, 6.1739



15.5151, 15.5446, 2.1827



0.2123, 0.2352, 0.0342

Inverse Universe

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



18.5868, 18.9526, 29.8730



29.9197, 30.1553, 52.2172



18.7980, 17.6929, 29.6187



5.6037, 5.8413, 7.3019



5.0928, 2.8803, 24.2186



0.0819, 0.0744, 0.3030

Previews

White Background



This preview shows how the XYZ color 23.8672, 25.4578, 18.9851 looks on a white background.

Color Contrast Check

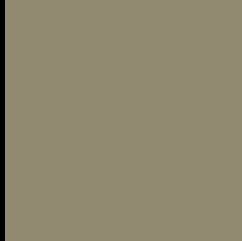
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8672, 25.4578, 18.9851 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

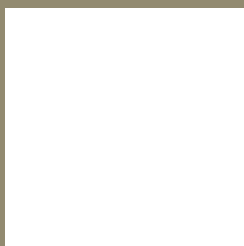
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8672, 25.4578, 18.9851

Background



This preview shows how black text looks on a background with the XYZ color 23.8672, 25.4578, 18.9851.



This preview shows how white text looks on a background with the XYZ color 23.8672, 25.4578,

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

23.8672, 25.4578, 18.9851

Protanopia

23.8672, 25.4578, 18.9851

Deuteranopia

25.8654, 25.4409, 19.1701



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

23.8672, 25.4578, 18.9851

Protanomaly

23.8672, 25.4578, 18.9851

Deuteranomaly

25.1622, 25.4888, 19.2164

Tritanomaly

25.2233, 25.3835, 25.3999

Monochromacy



Original Color

23.8672, 25.4578, 18.9851

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6572, 25.0253, 24.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8672, 25.4578, 18.9851 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(146, 138, 112)` looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 112)  
}
```

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(146, 138, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 112) }
```

Border

The CSS property to change the border of an element to XYZ 23.8672, 25.4578, 18.9851 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(146, 138, 112) }
```


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

```
.border{ border-color:rgb(146, 138, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 112);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8672, 25.4578, 18.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 112) }
```

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

```
.background{ background-color: rgb(146,  
138, 112) }
```

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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