

Converting Colors

XYZ(25.1523, 25.0039, 18.7435)

Have a look what the booklet for
XYZ(25.1523, 25.0039, 18.7435)
contains.

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Color

**XYZ(25.2168, 25.1130,
18.8475)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8570
RGB	157, 133, 112
RGB Percent	62%, 52%, 44%
CMY	0.3843, 0.4784, 0.5608
CMYK	0.00, 0.15, 0.29, 0.38
HSL	28°, 19%, 53%
HSV	28°, 29%, 62%
XYZ	25.2168, 25.1130, 18.8475
YIQ	137.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

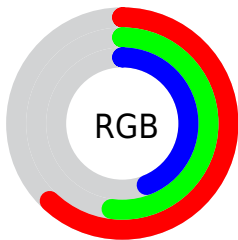
Format	Color
R_{YB}	157, 151, 112
Decimal	10323312
CIE _{Lab}	57.19, 5.83, 14.72
CIE _{LCh}	57, 15.831, 68.398
Yxy	25.1130, 0.3645, 0.3630
Android (android.graphics.Color)	4288513392 (0xFF9D8570)
YUV	137.7820, -12.7105, 16.8542
Hunter-Lab	50.1129, 2.1237, 12.7800

Details

The XYZ color **25.2168, 25.1130, 18.8475** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5719, 23.4868, 35.2949**, and the grayscale version is **24.1162, 25.3721, 27.6302**.

A 20% lighter version of the original color is **51.4111, 51.7952, 42.4098**, and **9.9214, 9.7141, 6.2026** is the 20% darker color. If you saturate the color by 10%, you get **23.3170, 22.5924, 14.2710**, and if you desaturate by 10%, it is **27.3618, 27.8797, 24.2583**.

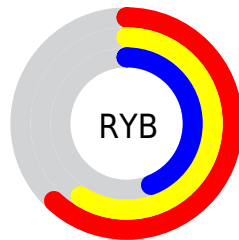
Distribution



Red (62%)

Green (52%)

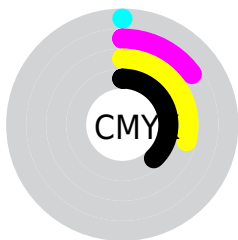
Blue (44%)



Red (62%)

Yellow (59%)

Blue (44%)

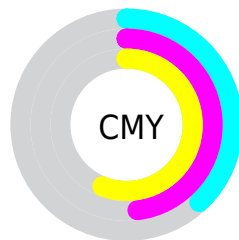


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2168, 25.1130, 18.8475 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 25.2168, 25.1130, 18.8475 by changing the saturation by 10% instead.


 25.2168, 25.1130,
18.8475


 25.2168, 25.1130,
18.8475


271.2437,
278.4002, 258.0002


 16.3682, 16.1613,
11.3844

 51.4491, 51.8405,
42.3095


 9.8776, 9.6383,
6.2086


 69.5635, 70.3850,
59.1455

 5.3795, 5.1598,
2.9015

 91.4973, 92.8959,
79.9430

 2.5086, 2.3413,
1.0446

 117.6158,
119.7577, 105.1204

 0.8996, 0.7955,
0.0000

148.2843,
151.3545, 135.0962

 0.0000, 0.0000,
0.0000

183.8682,

188.0710, 170.2891

224.7329,
230.2914, 211.1176

■ 25.2168, 25.1130,
18.8475

■ 25.2168, 25.1130,
18.8475

■ 23.3170, 22.5924,
14.2710

■ 27.3618, 27.8797,
24.2583

■ 21.6503, 20.3069,
10.4849

■ 29.7593, 30.8960,
30.5413

■ 20.2066, 18.2500,
7.4436

■ 32.4190, 34.1698,
37.7338

■ 18.9741, 16.4132,
5.0960

■ 35.3491, 37.7075,
45.8704

■ 17.9396, 14.7874,
3.3846

■ 38.5576, 41.5153,
54.9841

■ 17.0880, 13.3626,
2.2424

■ 42.0523, 45.5992,
65.1060

■ 16.3916, 12.1236,
1.5365

■ 45.8403, 49.9649,
76.2662

■ 16.3055, 11.9698,
1.4510

■ 49.9289, 54.6180,
88.4931

■ 54.3247, 59.5639,
101.8143

Harmonies

Analogous

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



26.7978, 25.1130, 21.4364



25.2168, 25.1130, 18.8475



23.3482, 25.1130, 18.3736

Triad

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



25.2168, 25.1130, 18.8475



20.4876, 25.1130, 28.8746



26.1716, 25.1130, 36.2290

Complementary

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



25.2168, 25.1130, 18.8475



21.5719, 23.4868, 35.2949

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.



24.3978, 25.1130, 38.8415



25.2168, 25.1130, 18.8475



21.1620, 25.1130, 34.2475

Square

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



25.2168, 25.1130, 18.8475



20.6814, 25.1130, 23.7270



22.5704, 25.1130, 38.0726



27.3688, 25.1130, 31.3106

Rectangle

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



25.2168, 25.1130, 18.8475



22.2005, 25.1130, 19.2527



22.5704, 25.1130, 38.0726



25.6194, 25.1130, 37.4333

Sweetspot

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



25.2175, 25.1142, 18.8480



53.0649, 55.0440, 54.0817



24.1430, 20.5343, 25.9839



11.5427, 11.9451, 11.5451



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2175, 25.1142, 18.8480



43.0708, 42.2187, 28.6679



28.6342, 31.9476, 19.9869



6.8755, 7.1309, 6.9997



13.2795, 9.7946, 1.1906



0.2794, 0.2591, 0.0353

Inverse Universe

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



21.5719, 23.4868, 35.2949



35.5146, 38.8440, 62.7526



18.7293, 17.8016, 34.3473



6.5629, 6.9915, 8.4103



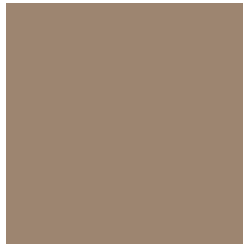
7.5376, 7.1667, 26.8933



0.1769, 0.2125, 0.4949

Previews

White Background



This preview shows how the XYZ color 25.2168, 25.1130, 18.8475 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 25.2168, 25.1130, 18.8475 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 25.2168, 25.1130, 18.8475

Background



This preview shows how black text looks on a background with the XYZ color 25.2168, 25.1130, 18.8475.



This preview shows how white text looks on a background with the XYZ color 25.2168, 25.1130,

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

25.2168, 25.1130, 18.8475

Protanopia

23.6600, 25.1260, 19.5224

Deuteranopia

25.4740, 25.0433, 18.8205



Tritanopia

27.0077, 25.0382, 27.8355

Trichromacy



Original Color

25.2168, 25.1130, 18.8475

Protanomaly

24.1792, 25.1901, 19.2106

Deuteranomaly

25.2764, 24.9415, 18.8112

Tritanomaly

26.2432, 24.9212, 24.1960

Monochromacy



Original Color

25.2168, 25.1130, 18.8475

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4437, 25.2130, 24.3472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2168, 25.1130, 18.8475 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(157, 133, 112)` looks like.

```
.text, #text, p{  
    color:rgb(157, 133, 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(157, 133, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 133, 112) }
```

Border

The CSS property to change the border of an element to XYZ 25.2168, 25.1130, 18.8475 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(157, 133, 112) }
```


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

```
.border{ border-color:rgb(157, 133, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 133, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 133, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 133, 112);  
box-shadow:4px 4px 4px 4px rgb(157, 133,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2168, 25.1130, 18.8475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 133, 112) }
```

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

```
.background{ background-color: rgb(157,  
133, 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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