

Converting Colors

XYZ(25.5346, 24.3275, 12.3521)

Have a look what the booklet for
XYZ(25.5346, 24.3275, 12.3521)
contains.

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Color

**XYZ(25.5879, 24.4513,
12.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	A88057
RGB	168, 128, 87
RGB Percent	66%, 50%, 34%
CMY	0.3412, 0.4980, 0.6588
CMYK	0.00, 0.24, 0.48, 0.34
HSL	30°, 32%, 50%
HSV	30°, 48%, 66%
XYZ	25.5879, 24.4513, 12.3878
YIQ	135.2860, 37.0010, -4.2710

Conversions

Conversions Part 2

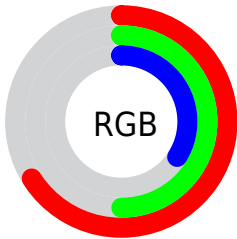
Format	Color
R_{YB}	166, 168, 87
Decimal	11042903
CIE _{Lab}	56.54, 10.19, 28.15
CIE _{LCh}	57, 29.940, 70.098
Yxy	24.4513, 0.4099, 0.3917
Android (android.graphics.Color)	4289232983 (0xFFA88057)
YUV	135.2860, -23.8050, 28.6902
Hunter-Lab	49.4483, 5.8336, 19.7604

Details

The XYZ color **25.5879, 24.4513, 12.3878** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.5874, 20.0313, 39.9324**, and the grayscale version is **23.2120, 24.4208, 26.5943**.

A 20% lighter version of the original color is **52.0906, 50.8614, 30.7387**, and **10.1184, 9.3226, 3.2736** is the 20% darker color. If you saturate the color by 10%, you get **23.9418, 22.1326, 8.8379**, and if you desaturate by 10%, it is **27.4835, 27.0132, 16.8094**.

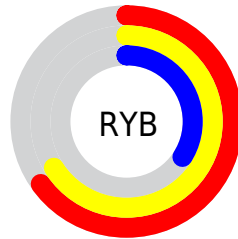
Distribution



Red (66%)

Green (50%)

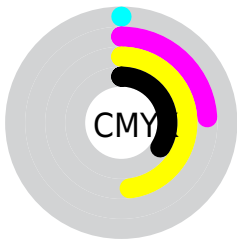
Blue (34%)



Red (65%)

Yellow (66%)

Blue (34%)

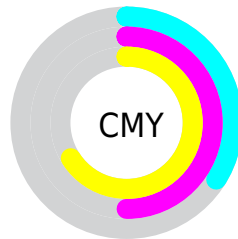


Cyan (0%)

Magenta (24%)

Yellow (48%)

Black (34%)



Cyan (34%)

Magenta (50%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5879, 24.4513, 12.3878 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 25.5879, 24.4513, 12.3878 by changing the saturation by 10% instead.

■ 25.5879, 24.4513,
12.3878

■ 25.5879, 24.4513,
12.3878

273.0472,
275.0942, 218.0242

■ 16.6467, 15.6687,
6.8826

■ 52.0454, 50.7657,
30.8744

■ 10.0766, 9.2900,
3.3115

■ 70.2924, 69.0662,
44.6928

■ 5.5125, 4.9308,
1.2558

■ 92.3721, 91.3083,
62.1195

■ 2.5888, 2.2067,
0.0251

■ 118.6497,
117.8762, 83.5728

■ 0.9402, 0.7237,
0.0000

■ 149.4907,
149.1543, 109.4714

■ 0.0000, 0.0000,
0.0000

185.2603,

185.5271, 140.2338

226.3240,
227.3790, 176.2786

■ 25.5879, 24.4513,
12.3878

■ 25.5879, 24.4513,
12.3878

■ 23.9418, 22.1326,
8.8379

■ 27.4835, 27.0132,
16.8094

■ 22.5299, 20.0449,
6.0984

■ 29.6389, 29.8229,
22.1555

■ 21.3381, 18.1799,
4.1021

■ 32.0660, 32.8892,
28.4764

■ 20.3491, 16.5271,
2.7701

■ 34.7754, 36.2195,
35.8181

■ 19.5349, 15.0715,
1.9657

■ 37.7769, 39.8206,
44.2238

■ 19.4004, 14.8289,
1.8398

■ 41.0802, 43.6993,
53.7344

■ 44.6939, 47.8618,
64.3882

■ 48.6269, 52.3143,
76.2220

■ 52.8871, 57.0628,
89.2707

Harmonies

Analogous

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



28.7306, 24.4513, 16.1090



25.5879, 24.4513, 12.3878



22.0892, 24.4513, 11.8868

Triad

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



25.5879, 24.4513, 12.3878



17.2674, 24.4513, 30.1184



27.8112, 24.4513, 44.0918

Complementary

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



25.5879, 24.4513, 12.3878



18.5874, 20.0313, 39.9324

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.



24.4306, 24.4513, 50.2335



25.5879, 24.4513, 12.3878



18.4980, 24.4513, 40.9357

Square

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



25.5879, 24.4513, 12.3878



17.5108, 24.4513, 20.6303



21.0407, 24.4513, 48.9530



30.1002, 24.4513, 33.6773

Rectangle

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



25.5879, 24.4513, 12.3878



20.0503, 24.4513, 13.2703



21.0407, 24.4513, 48.9530



26.7517, 24.4513, 46.8292

Sweetspot

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



25.5885, 24.4525, 12.3883



60.0717, 62.0157, 56.7197



23.4202, 16.6868, 22.2366



12.8757, 13.2482, 11.7782



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.5885, 24.4525, 12.3883



43.2118, 39.8244, 15.5589



31.8713, 37.0181, 14.4825



7.8332, 8.1464, 7.9488



14.7020, 11.3012, 1.4065



0.4088, 0.3771, 0.0512

Inverse Universe

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



18.5874, 20.0313, 39.9324



28.9566, 30.8243, 71.6486



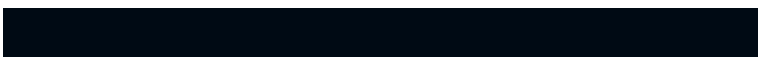
14.4068, 11.6701, 38.5388



7.4262, 7.8894, 9.5497



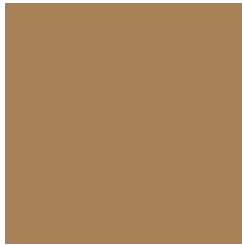
7.7219, 6.9039, 28.9011



0.2392, 0.2706, 0.7203

Previews

White Background



This preview shows how the XYZ color 25.5879, 24.4513, 12.3878 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 25.5879, 24.4513, 12.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

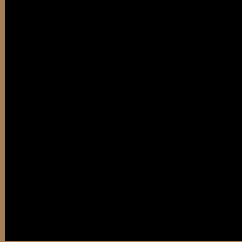
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5879, 24.4513, 12.3878

Background



This preview shows how black text looks on a background with the XYZ color 25.5879, 24.4513, 12.3878.



This preview shows how white text looks on a background with the XYZ color 25.5879, 24.4513,

12.3878.

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

25.5879, 24.4513, 12.3878

Protanopia

22.6822, 24.5495, 13.2159

Deuteranopia

25.0128, 24.5459, 12.4363



Tritanopia

28.1376, 24.3557, 25.0479

Trichromacy



Original Color

25.5879, 24.4513, 12.3878

Protanomaly

23.7083, 24.4649, 12.9238

Deuteranomaly

25.0876, 24.3880, 12.4019

Tritanomaly

27.1546, 24.3342, 19.7888

Monochromacy



Original Color

25.5879, 24.4513, 12.3878

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5539, 24.0136, 20.5332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5879, 24.4513, 12.3878 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(168, 128, 87)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 87)  
}
```

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(168, 128, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.5879, 24.4513, 12.3878 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(168, 128, 87) }
```


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

```
.border{ border-color:rgb(168, 128, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 128, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 87);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5879, 24.4513, 12.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 87) }
```

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

```
.background{ background-color: rgb(168,  
128, 87) }
```

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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