

Converting Colors

XYZ(9.7913, 12.9081, 7.9663)

Have a look what the booklet for
XYZ(9.7913, 12.9081, 7.9663)
contains.

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Color

**XYZ(9.7243, 12.8423,
7.9275)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6C47
RGB	79, 108, 71
RGB Percent	31%, 42%, 28%
CMY	0.6902, 0.5765, 0.7216
CMYK	0.27, 0.00, 0.34, 0.58
HSL	107°, 21%, 35%
HSV	107°, 34%, 42%
XYZ	9.7243, 12.8423, 7.9275
YIQ	95.1110, -5.4070, -17.6550

Conversions

Conversions Part 2

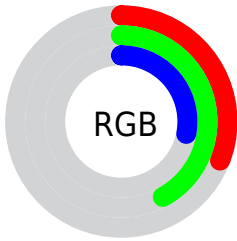
Format	Color
R_{YB}	71, 108, 100
Decimal	5205063
CIE _{Lab}	42.52, -18.41, 17.39
CIE _{LCh}	43, 25.324, 136.627
Yxy	12.8423, 0.3189, 0.4211
Android (android.graphics.Color)	4283395143 (0xFF4F6C47)
YUV	95.1110, -11.8867, -14.1293
Hunter-Lab	35.8362, -14.2765, 11.9695

Details

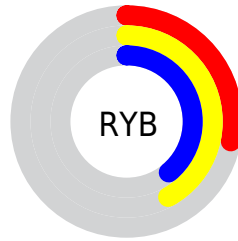
The XYZ color **9.7243, 12.8423, 7.9275** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.2161, 8.2989, 15.2514**, and the grayscale version is **10.9326, 11.5020, 12.5256**.

A 20% lighter version of the original color is **25.0142, 31.1648, 22.4663**, and **2.4409, 3.6342, 1.6097** is the 20% darker color. If you saturate the color by 10%, you get **8.7483, 12.3761, 6.2306**, and if you desaturate by 10%, it is **10.8523, 13.3805, 9.9538**.

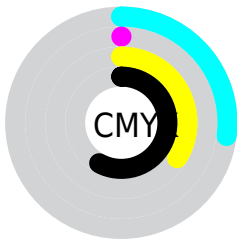
Distribution



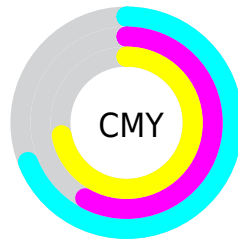
- Red (31%)
- Green (42%)
- Blue (28%)



- Red (28%)
- Yellow (42%)
- Blue (39%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7243, 12.8423, 7.9275 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 9.7243, 12.8423, 7.9275 by changing the saturation by 10% instead.

9.7243, 12.8423,
7.9275

9.7243, 12.8423,
7.9275

182.7879,
209.9045, 185.0756

5.2774, 7.3200,
3.9615

24.9300, 31.0202,
22.3600

2.4474, 3.6630,
1.6042

36.4196, 44.4446,
33.6636

0.8688, 1.4869,
0.2938

50.9874, 61.2718,
48.2501

0.0000, 0.2795,
0.0000

68.9989, 81.8863,
66.5381

0.0000, 0.0000,
0.0000

90.8193, 106.6724,
88.9461

116.8140,

136.0146, 115.8926

147.3485,
170.2971, 147.7963

■ 9.7243, 12.8423,
7.9275

■ 9.7243, 12.8423,
7.9275

■ 8.7483, 12.3761,
6.2306

■ 10.8523, 13.3805,
9.9538

■ 7.9166, 11.9772,
4.8448

■ 12.1376, 13.9920,
12.3246

■ 7.2226, 11.6428,
3.7515

■ 13.5863, 14.6798,
15.0554

■ 6.6583, 11.3696,
2.9297

■ 15.2039, 15.4467,
18.1601

■ 6.2153, 11.1534,
2.3555

■ 16.9957, 16.2950,
21.6523

■ 5.8814, 10.9890,
1.9891

■ 18.9669, 17.2271,
25.5445

■ 5.7242, 10.9119,
1.8045

■ 21.1222, 18.2451,
29.8490

■ 23.4662, 19.3513,
34.5773

■ 26.0035, 20.5477,
39.7407

Harmonies

Analogous

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



11.1843, 12.8423, 6.1266



9.7243, 12.8423, 7.9275



8.9677, 12.8423, 11.6867

Triad

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



9.7243, 12.8423, 7.9275



11.3756, 12.8423, 26.9302



16.0783, 12.8423, 11.1817

Complementary

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



9.7243, 12.8423, 7.9275



10.2161, 8.2989, 15.2514

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.



16.1433, 12.8423, 16.5622



9.7243, 12.8423, 7.9275



13.2886, 12.8423, 26.6914

Square

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



9.7243, 12.8423, 7.9275



9.8517, 12.8423, 23.1170



15.0781, 12.8423, 22.5310



14.9088, 12.8423, 7.6414

Rectangle

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



9.7243, 12.8423, 7.9275



8.9067, 12.8423, 15.2336



15.0781, 12.8423, 22.5310



16.2340, 12.8423, 12.8029

Sweetspot

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



9.7246, 12.8428, 7.9278



22.2874, 25.0288, 23.4712



11.8778, 12.7548, 7.7973



5.3304, 6.0276, 5.5605



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.7246, 12.8428, 7.9278



15.7041, 21.8924, 11.5306



9.4649, 12.6667, 9.8263



3.1196, 3.4734, 3.3235



6.8061, 13.0039, 2.1513



34.0560, 65.9386, 10.9325

Inverse Universe

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



10.2161, 8.2989, 15.2514



16.7010, 12.6240, 26.4641



10.6199, 8.5677, 12.5305



3.1567, 3.1325, 3.8731



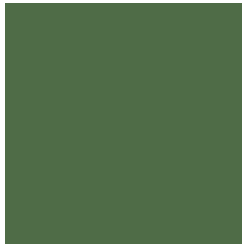
7.6364, 3.5638, 17.2076



38.1586, 17.7711, 87.6452

Previews

White Background



This preview shows how the XYZ color 9.7243, 12.8423, 7.9275 looks on a white background.

Color Contrast Check

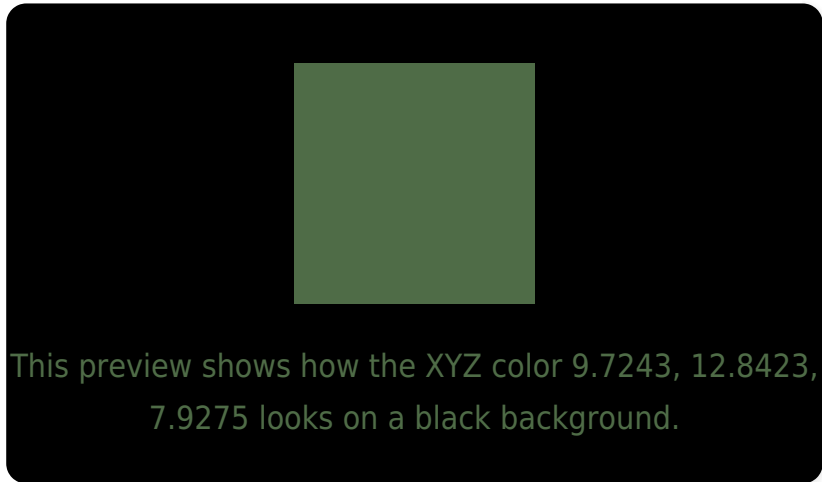
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.7243, 12.8423, 7.9275

Background



This preview shows how black text looks on a background with the XYZ color 9.7243, 12.8423, 7.9275.



This preview shows how white text looks on a background with the XYZ color 9.7243, 12.8423,

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

9.7243, 12.8423, 7.9275

Protanopia

11.7849, 12.7198, 7.3029

Deuteranopia

12.8901, 12.7117, 8.2528



Tritanopia

11.5572, 12.8266, 16.9056

Trichromacy



Original Color

9.7243, 12.8423, 7.9275

Protanomaly

10.8542, 12.6716, 7.5040

Deuteranomaly

11.4687, 12.5384, 8.1190

Tritanomaly

10.7302, 12.7867, 12.9689

Monochromacy



Original Color

9.7243, 12.8423, 7.9275

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.3567, 11.9101, 10.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7243, 12.8423, 7.9275 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(79, 108, 71)` looks like.

```
.text, #text, p{  
    color:rgb(79, 108, 71)  
}
```

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(79, 108, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 71) }
```

Border

The CSS property to change the border of an element to XYZ 9.7243, 12.8423, 7.9275 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(79, 108, 71) }
```


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

```
.border{ border-color:rgb(79, 108, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 108, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 71);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7243, 12.8423, 7.9275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 108, 71) }
```

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

```
.background{ background-color: rgb(79, 108,  
71) }
```

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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