

Converting Colors

XYZ(9.9129, 15.3232, 7.8254)

Have a look what the booklet for
XYZ(9.9129, 15.3232, 7.8254)
contains.

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Color

**XYZ(9.9274, 15.3285,
7.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7A44
RGB	61, 122, 68
RGB Percent	24%, 48%, 27%
CMY	0.7608, 0.5216, 0.7333
CMYK	0.50, 0.00, 0.44, 0.52
HSL	127°, 33%, 36%
HSV	127°, 50%, 48%
XYZ	9.9274, 15.3285, 7.9043
YIQ	97.6050, -19.0220, -29.7260

Conversions

Conversions Part 2

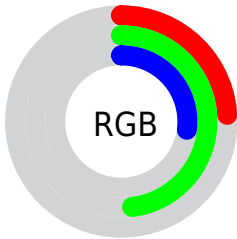
Format	Color
RYB	61, 116, 122
Decimal	4028996
CIELab	46.08, -32.12, 23.60
CIElCh	46, 39.860, 143.689
Yxy	15.3285, 0.2994, 0.4623
Android (android.graphics.Color)	4282219076 (0xFF3D7A44)
YUV	97.6050, -14.5953, -32.1026
Hunter-Lab	39.1516, -23.2544, 15.4361

Details

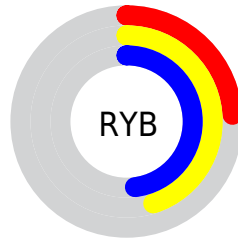
The XYZ color **9.9274, 15.3285, 7.9043** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.7898, 8.7132, 17.2280**, and the grayscale version is **11.5501, 12.1517, 13.2332**.

A 20% lighter version of the original color is **25.3509, 35.4550, 22.3370**, and **2.5622, 4.8399, 1.6098** is the 20% darker color. If you saturate the color by 10%, you get **8.9604, 14.8651, 6.2943**, and if you desaturate by 10%, it is **11.1268, 15.9056, 9.8430**.

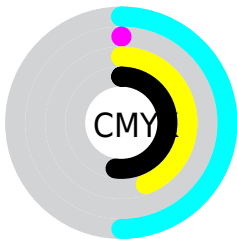
Distribution



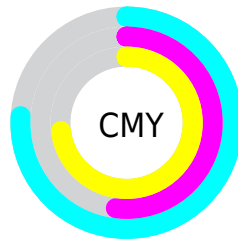
- Red (24%)
- Green (48%)
- Blue (27%)



- Red (24%)
- Yellow (45%)
- Blue (48%)



- Cyan (50%)
- Magenta (0%)
- Yellow (44%)
- Black (52%)



- Cyan (76%)
- Magenta (52%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.9274, 15.3285, 7.9043 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 9.9274, 15.3285, 7.9043 by changing the saturation by 10% instead.

9.9274, 15.3285,
7.9043

9.9274, 15.3285,
7.9043

184.2176,
225.3460, 184.8859

5.4127, 9.0503,
3.9469

25.3098, 35.4284,
22.3137

2.5286, 4.7740,
1.5962

36.9082, 50.0189,
33.6027

0.9097, 2.1153,
0.2881

51.5986, 68.1490,
48.1727

0.0000, 0.6732,
0.0000

69.7463, 90.2029,
66.4422

0.0000, 0.0000,
0.0000

91.7167, 116.5652,
88.8297

117.8752,

147.6202, 115.7538

148.5870,
183.7524, 147.6331

■ 9.9274, 15.3285,
7.9043

■ 9.9274, 15.3285,
7.9043

■ 8.9604, 14.8651,
6.2943

■ 11.1268, 15.9056,
9.8430

■ 8.2096, 14.5060,
4.9937

■ 12.5712, 16.6012,
12.1260

■ 7.6585, 14.2437,
3.9830

■ 14.2737, 17.4221,
14.7693

■ 7.2876, 14.0686,
3.2399

■ 16.2460, 18.3741,
17.7876

■ 7.0391, 13.9513,
2.7374

■ 18.4992, 19.4626,
21.1947

■ 21.0436, 20.6926,
25.0038

■ 23.8893, 22.0691,
29.2273

■ 27.0456, 23.5966,
33.8772

■ 30.5216, 25.2795,
38.9650

Harmonies

Analogous

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



12.1069, 15.3285, 4.7760



9.9274, 15.3285, 7.9043



9.0088, 15.3285, 14.7231

Triad

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



9.9274, 15.3285, 7.9043



13.8652, 15.3285, 42.9298



21.3817, 15.3285, 10.2636

Complementary

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



9.9274, 15.3285, 7.9043



12.7898, 8.7132, 17.2280

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.



22.0460, 15.3285, 18.8250



9.9274, 15.3285, 7.9043



17.3447, 15.3285, 40.2504

Square

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



9.9274, 15.3285, 7.9043



11.0439, 15.3285, 36.6754



20.4707, 15.3285, 30.3460



18.7749, 15.3285, 5.7226

Rectangle

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



9.9274, 15.3285, 7.9043



9.1148, 15.3285, 21.5030



20.4707, 15.3285, 30.3460



21.8548, 15.3285, 12.6550

Sweetspot

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



9.9278, 15.3291, 7.9046



26.6599, 31.3971, 28.3621



14.9916, 17.9629, 7.0921



5.9645, 7.1156, 6.2838



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.9278, 15.3291, 7.9046



15.5495, 26.0486, 10.7092



11.0702, 15.7861, 13.9205



3.9679, 4.4568, 4.3646



7.4089, 14.6872, 2.8721



35.1733, 69.9923, 12.8165

Inverse Universe

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



12.7898, 8.7132, 17.2280



21.1943, 12.9742, 29.0792



11.3509, 8.1376, 9.6507



4.1356, 4.0700, 4.9119



11.2980, 5.4954, 15.3921



53.6921, 26.1332, 72.3659

Previews

White Background



This preview shows how the XYZ color 9.9274, 15.3285, 7.9043 looks on a white background.

Color Contrast Check

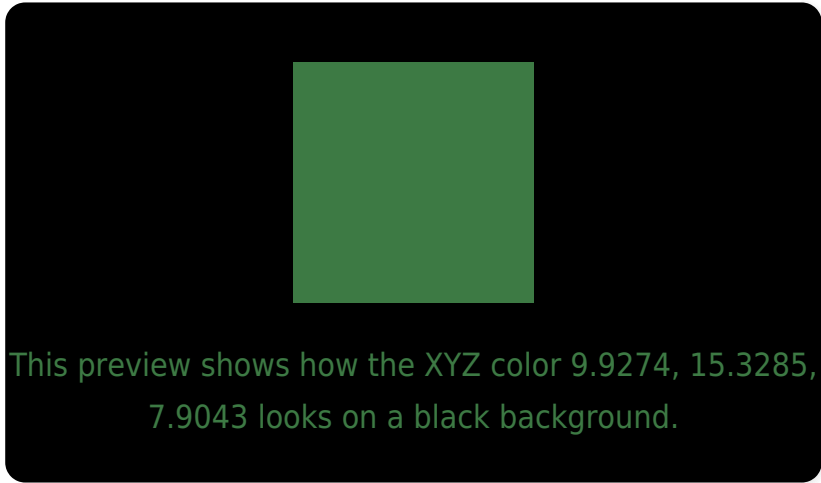
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.9274, 15.3285, 7.9043

Background



This preview shows how black text looks on a background with the XYZ color 9.9274, 15.3285, 7.9043.



This preview shows how white text looks on a background with the XYZ color 9.9274, 15.3285,

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

9.9274, 15.3285, 7.9043

Protanopia

13.9736, 15.2181, 6.9035

Deuteranopia

15.3259, 15.1143, 8.2405



Tritanopia

12.6564, 15.1980, 21.6685

Trichromacy



Original Color

9.9274, 15.3285, 7.9043

Protanomaly

12.0085, 15.0130, 7.2659

Deuteranomaly

12.6475, 14.8271, 8.1566

Tritanomaly

11.4314, 15.2216, 15.4323

Monochromacy



Original Color

9.9274, 15.3285, 7.9043

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.7243, 13.1348, 10.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.9274, 15.3285, 7.9043 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(61, 122, 68)` looks like.

```
.text, #text, p{  
    color:rgb(61, 122, 68)  
}
```

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(61, 122, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 122, 68) }
```

Border

The CSS property to change the border of an element to XYZ 9.9274, 15.3285, 7.9043 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(61, 122, 68) }
```


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

```
.border{ border-color:rgb(61, 122, 68) }
```

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

Here you see how a box with a 4 pixel rgb(61, 122, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 122, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 122, 68);  
box-shadow:4px 4px 4px 4px rgb(61, 122,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 9.9274, 15.3285, 7.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 122, 68) }
```

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

```
.background{ background-color: rgb(61, 122,  
68) }
```

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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