

Converting Colors

XYZ(14.9825, 16.0941, 8.4483)

Have a look what the booklet for
XYZ(14.9825, 16.0941, 8.4483)
contains.

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Color

**XYZ(14.8802, 15.9743,
8.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6F48
RGB	122, 111, 72
RGB Percent	48%, 44%, 28%
CMY	0.5216, 0.5647, 0.7176
CMYK	0.00, 0.09, 0.41, 0.52
HSL	47°, 26%, 38%
HSV	47°, 41%, 48%
XYZ	14.8802, 15.9743, 8.4300
YIQ	109.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

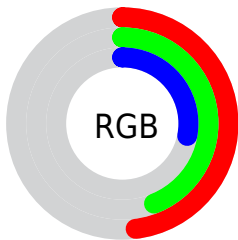
Format	Color
RYB	86, 122, 72
Decimal	8023880
CIELab	46.94, -1.82, 23.28
CIELCh	47, 23.348, 94.462
Yxy	15.9743, 0.3788, 0.4066
Android (android.graphics.Color)	4286213960 (0xFF7A6F48)
YUV	109.8430, -18.6566, 10.6617
Hunter-Lab	39.9679, -3.4875, 15.4721

Details

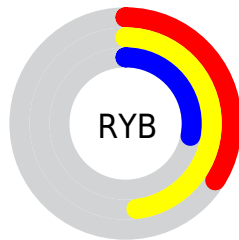
The XYZ color **14.8802, 15.9743, 8.4300** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.2786, 8.9692, 19.6546**, and the grayscale version is **14.8243, 15.5963, 16.9843**.

A 20% lighter version of the original color is **34.2276, 36.6888, 23.3668**, and **4.7037, 5.1236, 1.7780** is the 20% darker color. If you saturate the color by 10%, you get **14.2328, 15.2544, 6.4417**, and if you desaturate by 10%, it is **15.6162, 16.7449, 10.8379**.

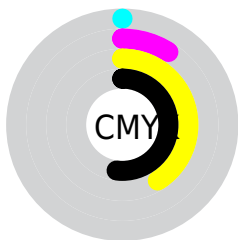
Distribution



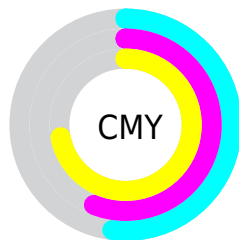
- Red (48%)
- Green (44%)
- Blue (28%)



- Red (34%)
- Yellow (48%)
- Blue (28%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8802, 15.9743, 8.4300 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 14.8802, 15.9743, 8.4300 by changing the saturation by 10% instead.

■ 14.8802, 15.9743,
8.4300

■ 14.8802, 15.9743,
8.4300

216.0427,
229.1900, 189.1256

■ 8.8211, 9.5060,
4.2796

■ 34.2163, 36.5536,
23.3571

■ 4.6809, 5.0727,
1.7800

■ 48.2240, 51.4333,
34.9710

■ 2.0941, 2.2900,
0.4147

■ 65.6119, 69.8857,
49.9097

■ 0.6860, 0.7684,
0.0000

■ 86.7454, 92.2950,
68.5918

■ 0.0000, 0.0000,
0.0000

■ 111.9899,
119.0457, 91.4360

141.7107,

150.5222, 118.8606

176.2732,
187.1088, 151.2843

■ 14.8802, 15.9743,
8.4300

■ 14.8802, 15.9743,
8.4300

■ 14.2328, 15.2544,
6.4417

■ 15.6162, 16.7449,
10.8379

■ 13.6680, 14.5810,
4.8474

■ 16.4440, 17.5658,
13.6873

■ 13.1810, 13.9525,
3.6199

■ 17.3681, 18.4395,
16.9996

■ 12.7658, 13.3664,
2.7284

■ 18.3923, 19.3677,
20.7944

■ 12.4155, 12.8199,
2.1368

■ 19.5202, 20.3519,
25.0903

■ 12.1333, 12.3520,
1.7447

■ 20.7552, 21.3936,
29.9051

■ 22.1005, 22.4943,
35.2554

■ 23.5593, 23.6552,
41.1571

■ 25.1345, 24.8776,
47.6257

Harmonies

Analogous

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



16.9365, 15.9743, 9.1029



14.8802, 15.9743, 8.4300



13.0713, 15.9743, 9.6820

Triad

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



14.8802, 15.9743, 8.4300



12.1750, 15.9743, 24.5505



19.0018, 15.9743, 22.6960

Complementary

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



14.8802, 15.9743, 8.4300



9.2786, 8.9692, 19.6546

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.



17.5110, 15.9743, 28.3886



14.8802, 15.9743, 8.4300



13.5551, 15.9743, 29.6165

Square

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



14.8802, 15.9743, 8.4300



11.6008, 15.9743, 18.2813



15.4901, 15.9743, 31.1580



19.4360, 15.9743, 16.5345

Rectangle

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



14.8802, 15.9743, 8.4300



12.2115, 15.9743, 11.6500



15.4901, 15.9743, 31.1580



18.6014, 15.9743, 24.7687

Sweetspot

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



14.8806, 15.9750, 8.4303



30.3334, 32.2342, 29.0982



11.9308, 9.4074, 9.5064



6.8986, 7.3357, 6.5185



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.



14.8806, 15.9750, 8.4303



25.1255, 26.9355, 11.5870



14.3951, 17.6172, 8.7729



4.2365, 4.4915, 4.2681



12.7681, 12.9922, 1.8348



60.2570, 60.6774, 8.5360

Inverse Universe

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



9.2786, 8.9692, 19.6546



13.8789, 12.8789, 34.1473



9.6071, 7.9870, 19.4478



3.8626, 4.0234, 5.0162



4.1016, 2.2856, 19.6103



19.0334, 9.8395, 93.3658

Previews

White Background



This preview shows how the XYZ color 14.8802, 15.9743, 8.4300 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



This preview shows how the XYZ color 14.8802, 15.9743, 8.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

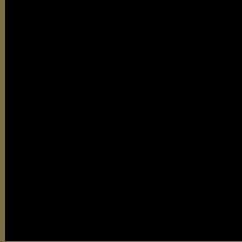
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8802, 15.9743, 8.4300

Background



This preview shows how black text looks on a background with the XYZ color 14.8802, 15.9743, 8.4300.



This preview shows how white text looks on a background with the XYZ color 14.8802, 15.9743,

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

14.8802, 15.9743, 8.4300

Protanopia

14.7393, 15.9017, 8.4234

Deuteranopia

16.1881, 15.8574, 8.5109



Tritanopia

16.7955, 15.9586, 18.1147

Trichromacy



Original Color

14.8802, 15.9743, 8.4300

Protanomaly

14.7393, 15.9017, 8.4234

Deuteranomaly

15.7711, 15.9520, 8.5511

Tritanomaly

16.0721, 15.9860, 14.0429

Monochromacy



Original Color

14.8802, 15.9743, 8.4300

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6267, 15.5738, 13.3015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8802, 15.9743, 8.4300 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(122, 111, 72)` looks like.

```
.text, #text, p{  
    color:rgb(122, 111, 72)  
}
```

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(122, 111, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 111, 72) }
```

Border

The CSS property to change the border of an element to XYZ 14.8802, 15.9743, 8.4300 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(122, 111, 72) }
```


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

```
.border{ border-color:rgb(122, 111, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 111, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 111, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 111, 72);  
box-shadow:4px 4px 4px 4px rgb(122, 111,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8802, 15.9743, 8.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 111, 72) }
```

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

```
.background{ background-color: rgb(122,  
111, 72) }
```

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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