

Converting Colors

XYZ(14.7458, 15.3951, 9.8870)

Have a look what the booklet for
XYZ(14.7458, 15.3951, 9.8870)
contains.

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Color

**XYZ(14.7329, 15.3842,
9.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	796C51
RGB	121, 108, 81
RGB Percent	47%, 42%, 32%
CMY	0.5255, 0.5765, 0.6823
CMYK	0.00, 0.11, 0.33, 0.53
HSL	41°, 20%, 40%
HSV	41°, 33%, 47%
XYZ	14.7329, 15.3842, 9.9775
YIQ	108.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

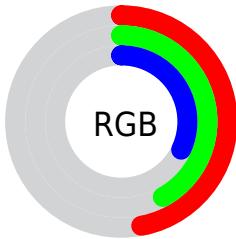
Format	Color
RYB	100, 121, 81
Decimal	7957585
CIELab	46.16, 0.67, 17.00
CIELCh	46, 17.011, 87.728
Yxy	15.3842, 0.3675, 0.3837
Android (android.graphics.Color)	4286147665 (0xFF796C51)
YUV	108.8090, -13.7098, 10.6915
Hunter-Lab	39.2227, -1.5912, 12.3737

Details

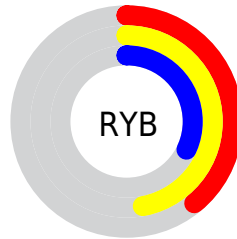
The XYZ color **14.7329, 15.3842, 9.9775** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.8470, 11.1347, 19.6666**, and the grayscale version is **14.5164, 15.2724, 16.6316**.

A 20% lighter version of the original color is **33.8830, 35.4067, 26.1674**, and **4.6597, 4.8426, 2.3582** is the 20% darker color. If you saturate the color by 10%, you get **13.9138, 14.4085, 7.6619**, and if you desaturate by 10%, it is **15.6524, 16.4310, 12.7259**.

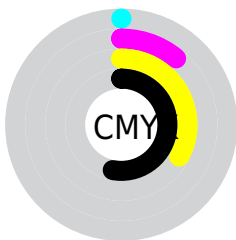
Distribution



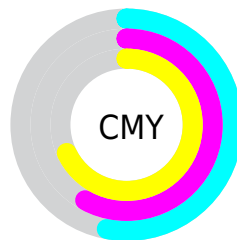
- Red (47%)
- Green (42%)
- Blue (32%)



- Red (39%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (53%)





- Cyan (53%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7329, 15.3842, 9.9775 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 14.7329, 15.3842, 9.9775 by changing the saturation by 10% instead.


 14.7329, 15.3842,
9.9775


 14.7329, 15.3842,
9.9775


215.1644,
225.6800, 200.9904


 8.7172, 9.0895,
5.2786


 33.9594, 35.5258,
26.3603


 4.6128, 4.7996,
2.3501

 47.9010, 50.1414,
38.8814


 2.0543, 2.1302,
0.7591

 65.2153, 68.2995,
54.8469

 0.6642, 0.6815,
0.0000

 86.2676, 90.3844,
74.6754

 0.0000, 0.0000,
0.0000

 111.4233,
116.7805, 98.7855

141.0478,

147.8722, 127.5956

175.5063,
184.0439, 161.5244

■ 14.7329, 15.3842,
9.9775

■ 14.7329, 15.3842,
9.9775

■ 13.9138, 14.4085,
7.6619

■ 15.6524, 16.4310,
12.7259

■ 13.1894, 13.4997,
5.7555

■ 16.6753, 17.5490,
15.9272

■ 12.5550, 12.6561,
4.2337

■ 17.8059, 18.7407,
19.6014

■ 12.0053, 11.8750,
3.0691

■ 19.0480, 20.0081,
23.7669

■ 11.5341, 11.1537,
2.2304

■ 20.4052, 21.3529,
28.4412

■ 11.1338, 10.4886,
1.6789

■ 21.8807, 22.7769,
33.6409

■ 10.8787, 10.0522,
1.3669

■ 23.4778, 24.2815,
39.3820

■ 25.1996, 25.8686,
45.6796

■ 27.0491, 27.5394,
52.5483

Harmonies

Analogous

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



16.1604, 15.3842, 10.8708



14.7329, 15.3842, 9.9775



13.3642, 15.3842, 10.6355

Triad

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



14.7329, 15.3842, 9.9775



12.2927, 15.3842, 20.7432



17.1060, 15.3842, 21.3811

Complementary

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



14.7329, 15.3842, 9.9775



10.8470, 11.1347, 19.6666

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.



15.9568, 15.3842, 24.8503



14.7329, 15.3842, 9.9775



13.1849, 15.3842, 24.4413

Square

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



14.7329, 15.3842, 9.9775



12.0119, 15.3842, 16.4366



14.5121, 15.3842, 26.0526



17.5857, 15.3842, 17.0690

Rectangle

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



14.7329, 15.3842, 9.9775



12.6565, 15.3842, 11.9376



14.5121, 15.3842, 26.0526



16.7816, 15.3842, 22.7098

Sweetspot

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



14.7333, 15.3849, 9.9778



30.4097, 32.0114, 30.2815



12.8630, 10.7641, 12.0681



6.9026, 7.2656, 6.7610



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.



14.7333, 15.3849, 9.9778



25.2038, 26.1518, 14.5125



15.3054, 17.8686, 10.4271



4.2032, 4.4248, 4.2570



11.6479, 10.7517, 1.4614



54.7628, 49.6890, 6.7046

Inverse Universe

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



10.8470, 11.1347, 19.6666



17.0623, 17.2521, 34.8236



10.3868, 9.3240, 19.3413



3.8942, 4.0866, 5.0267



4.4776, 3.0376, 19.7356



20.6612, 13.0951, 93.9084

Previews

White Background



This preview shows how the XYZ color 14.7329, 15.3842, 9.9775 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 14.7329, 15.3842, 9.9775 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 14.7329, 15.3842, 9.9775

Background



This preview shows how black text looks on a background with the XYZ color 14.7329, 15.3842, 9.9775.



This preview shows how white text looks on a background with the XYZ color 14.7329, 15.3842,

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

14.7329, 15.3842, 9.9775

Protanopia

14.3277, 15.3284, 10.1862

Deuteranopia

15.6278, 15.3795, 10.1275



Tritanopia

16.1871, 15.3556, 17.4400

Trichromacy



Original Color

14.7329, 15.3842, 9.9775

Protanomaly

14.4628, 15.3980, 10.1925

Deuteranomaly

15.2812, 15.3529, 10.1406

Tritanomaly

15.5689, 15.2537, 14.4356

Monochromacy



Original Color

14.7329, 15.3842, 9.9775

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5308, 15.3488, 14.0011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7329, 15.3842, 9.9775 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(121, 108, 81)` looks like.

```
.text, #text, p{  
    color:rgb(121, 108, 81)  
}
```

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(121, 108, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 108, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.7329, 15.3842, 9.9775 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(121, 108, 81) }
```


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

```
.border{ border-color:rgb(121, 108, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 108, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 108, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 108, 81);  
box-shadow:4px 4px 4px 4px rgb(121, 108,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7329, 15.3842, 9.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 108, 81) }
```

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

```
.background{ background-color: rgb(121,  
108, 81) }
```

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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