

Converting Colors

XYZ(14.8494, 15.1876, 10.3795)

Have a look what the booklet for
XYZ(14.8494, 15.1876, 10.3795)
contains.

XYZ(14.7414, 15.0702, 10.3155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7414, 15.0702,
10.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6A53
RGB	122, 106, 83
RGB Percent	48%, 42%, 33%
CMY	0.5216, 0.5843, 0.6745
CMYK	0.00, 0.13, 0.32, 0.52
HSL	35°, 19%, 40%
HSV	35°, 32%, 48%
XYZ	14.7414, 15.0702, 10.3155
YIQ	108.1620, 16.9190, -3.7610

Conversions

Conversions Part 2

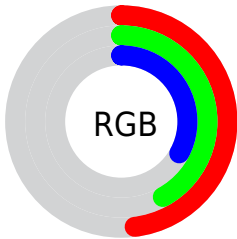
Format	Color
R_{YB}	110, 122, 83
Decimal	8022611
CIE _{Lab}	45.73, 2.56, 15.26
CIE _{LCh}	46, 15.470, 80.470
Yxy	15.0702, 0.3674, 0.3756
Android (android.graphics.Color)	4286212691 (0xFF7A6A53)
YUV	108.1620, -12.4049, 12.1359
Hunter-Lab	38.8204, -0.1531, 11.4195

Details

The XYZ color **14.7414, 15.0702, 10.3155** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5418, 12.1674, 20.1526**, and the grayscale version is **14.3301, 15.0764, 16.4182**.

A 20% lighter version of the original color is **33.9698, 34.9214, 27.1404**, and **4.5863, 4.6456, 2.4887** is the 20% darker color. If you saturate the color by 10%, you get **13.8106, 13.8972, 7.8823**, and if you desaturate by 10%, it is **15.7860, 16.3380, 13.1960**.

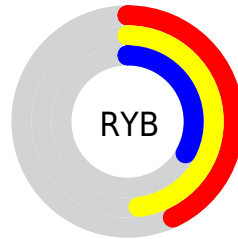
Distribution



Red (48%)

Green (42%)

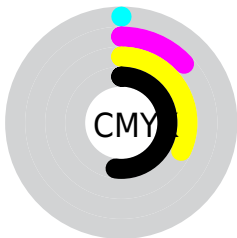
Blue (33%)



Red (43%)

Yellow (48%)

Blue (33%)

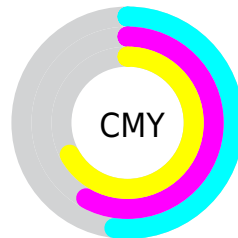


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7414, 15.0702, 10.3155 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 14.7414, 15.0702, 10.3155 by changing the saturation by 10% instead.

■ 14.7414, 15.0702,
10.3155

■ 14.7414, 15.0702,
10.3155

215.2152,
223.7907, 203.4752

■ 8.7232, 8.8687,
5.5003

■ 33.9743, 34.9763,
27.0043

■ 4.6168, 4.6556,
2.4799

■ 47.9197, 49.4496,
39.7150

■ 2.0566, 2.0467,
0.8295

■ 65.2382, 67.4490,
55.8946

■ 0.6655, 0.6344,
0.0000

■ 86.2952, 89.3589,
75.9616

■ 0.0000, 0.0000,
0.0000

■ 111.4561,
115.5636, 100.3347

141.0861,

146.4475, 129.4323

175.5507,
182.3951, 163.6729

■ 14.7414, 15.0702,
10.3155

■ 14.7414, 15.0702,
10.3155

■ 13.8106, 13.8972,
7.8823

■ 15.7860, 16.3380,
13.1960

■ 12.9876, 12.8141,
5.8725

■ 16.9478, 17.7011,
16.5442

■ 12.2674, 11.8186,
4.2611

■ 18.2313, 19.1626,
20.3804

■ 11.6444, 10.9077,
3.0203

■ 19.6407, 20.7249,
24.7236

■ 11.1120, 10.0778,
2.1186

■ 21.1797, 22.3903,
29.5914

■ 10.6627, 9.3250,
1.5194

■ 22.8520, 24.1610,
35.0009

■ 10.3407, 8.7669,
1.1472

■ 24.6610, 26.0391,
40.9682

■ 26.6102, 28.0265,
47.5088

■ 28.7027, 30.1254,
54.6377

Harmonies

Analogous

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



15.9735, 15.0702, 11.4856



14.7414, 15.0702, 10.3155



13.4677, 15.0702, 10.5768

Triad

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



14.7414, 15.0702, 10.3155



12.1083, 15.0702, 19.0406



16.3385, 15.0702, 21.3974

Complementary

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



14.7414, 15.0702, 10.3155



11.5418, 12.1674, 20.1526

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.



15.2154, 15.0702, 24.0667



14.7414, 15.0702, 10.3155



12.7917, 15.0702, 22.5696

Square

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



14.7414, 15.0702, 10.3155



11.9984, 15.0702, 15.2526



13.9141, 15.0702, 24.5254



16.9317, 15.0702, 17.6222

Rectangle

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



14.7414, 15.0702, 10.3155



12.7626, 15.0702, 11.5452



13.9141, 15.0702, 24.5254



16.0074, 15.0702, 22.4764

Sweetspot

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



14.7418, 15.0709, 10.3158



30.1904, 31.5727, 30.2084



13.3835, 11.2299, 13.3295



6.8473, 7.1549, 6.7426



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.



14.7418, 15.0709, 10.3158



24.7762, 25.0621, 15.0923



16.0944, 18.4479, 10.8963



4.1764, 4.3712, 4.2481



10.8788, 9.2136, 1.2050



51.0398, 42.2430, 5.4636

Inverse Universe

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



11.5418, 12.1674, 20.1526



18.2610, 19.1528, 35.1273



10.4671, 9.5822, 19.7102



3.9201, 4.1385, 5.0354



4.8933, 3.8691, 19.8742



22.5472, 16.8670, 94.5371

Previews

White Background



This preview shows how the XYZ color 14.7414, 15.0702, 10.3155 looks on a white background.

Color Contrast Check

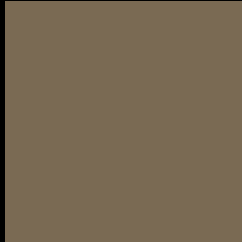
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7414, 15.0702, 10.3155 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 14.7414, 15.0702, 10.3155

Background



This preview shows how black text looks on a background with the XYZ color 14.7414, 15.0702, 10.3155.



This preview shows how white text looks on a background with the XYZ color 14.7414, 15.0702,

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

14.7414, 15.0702, 10.3155

Protanopia

14.1653, 15.0782, 10.5513

Deuteranopia

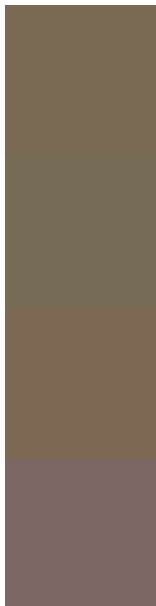
15.2640, 15.0372, 10.2816



Tritanopia

16.0233, 14.9885, 16.8004

Trichromacy



Original Color

14.7414, 15.0702, 10.3155

Protanomaly

14.3291, 15.0070, 10.5289

Deuteranomaly

15.0704, 15.0877, 10.3015

Tritanomaly

15.4627, 14.9057, 14.1187

Monochromacy



Original Color

14.7414, 15.0702, 10.3155

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3199, 14.9270, 13.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7414, 15.0702, 10.3155 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, 106, 83)` looks like.

```
.text, #text, p{  
    color:rgb(122, 106, 83)  
}
```

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, 106, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 106, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.7414, 15.0702, 10.3155 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, 106, 83) }
```


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

```
.border{ border-color:rgb(122, 106, 83) }
```

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

Here you see how a box with a 4 pixel rgb(122, 106, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 106, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 106, 83);  
box-shadow:4px 4px 4px 4px rgb(122, 106,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7414, 15.0702, 10.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 106, 83) }
```

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

```
.background{ background-color: rgb(122,  
106, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor