

Converting Colors

XYZ(14.4852, 15.1331, 8.4620)

Have a look what the booklet for
XYZ(14.4852, 15.1331, 8.4620)
contains.

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Color

**XYZ(14.4863, 15.1340,
8.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6B49
RGB	122, 107, 73
RGB Percent	48%, 42%, 29%
CMY	0.5216, 0.5804, 0.7137
CMYK	0.00, 0.12, 0.40, 0.52
HSL	42°, 25%, 38%
HSV	42°, 40%, 48%
XYZ	14.4863, 15.1340, 8.4610
YIQ	107.6090, 19.8540, -7.3940

Conversions

Conversions Part 2

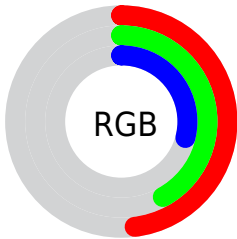
Format	Color
R_{YB}	95, 122, 73
Decimal	8022857
CIE _{Lab}	45.82, 0.63, 21.24
CIE _{LCh}	46, 21.244, 88.307
Yxy	15.1340, 0.3804, 0.3974
Android (android.graphics.Color)	4286212937 (0xFF7A6B49)
YUV	107.6090, -17.0622, 12.6209
Hunter-Lab	38.9024, -1.6103, 14.3366

Details

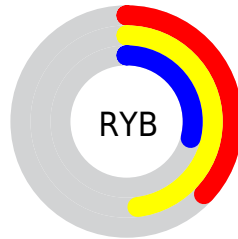
The XYZ color **14.4863, 15.1340, 8.4610** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7501, 9.8007, 19.7901**, and the grayscale version is **14.1871, 14.9259, 16.2543**.

A 20% lighter version of the original color is **33.4189, 34.9728, 23.4014**, and **4.4979, 4.6933, 1.7674** is the 20% darker color. If you saturate the color by 10%, you get **13.7401, 14.2265, 6.4087**, and if you desaturate by 10%, it is **15.3295, 16.1083, 10.9376**.

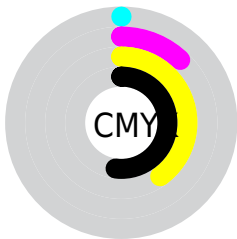
Distribution



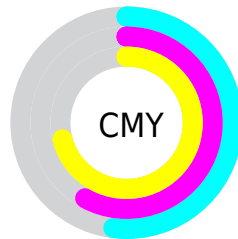
- Red (48%)
- Green (42%)
- Blue (29%)



- Red (37%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4863, 15.1340, 8.4610 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 14.4863, 15.1340, 8.4610 by changing the saturation by 10% instead.

■ 14.4863, 15.1340,
8.4610

■ 14.4863, 15.1340,
8.4610

213.6861,
224.1759, 189.3720

■ 8.5436, 8.9135,
4.2993

■ 33.5285, 35.0881,
23.4183

■ 4.4994, 4.6848,
1.7910

■ 47.3588, 49.5904,
35.0510

■ 1.9884, 2.0635,
0.4220

■ 64.5490, 67.6222,
50.0111

■ 0.6274, 0.6440,
0.0000

■ 85.4645, 89.5678,
68.7172

■ 0.0000, 0.0000,
0.0000

■ 110.4706,
115.8115, 91.5878

139.9326,

146.7378, 119.0414

174.2160,
182.7312, 151.4967

■ 14.4863, 15.1340,
8.4610

■ 14.4863, 15.1340,
8.4610

■ 13.7401, 14.2265,
6.4087

■ 15.3295, 16.1083,
10.9376

■ 13.0847, 13.3815,
4.7551

■ 16.2730, 17.1493,
13.8601

■ 12.5154, 12.5970,
3.4732

■ 17.3214, 18.2599,
17.2498

■ 12.0260, 11.8704,
2.5326

■ 18.4786, 19.4418,
21.1265

■ 11.6096, 11.1985,
1.8975

■ 19.7482, 20.6970,
25.5087

■ 11.2479, 10.5813,
1.4496

■ 21.1339, 22.0270,
30.4140

■ 22.6389, 23.4336,
35.8590

■ 24.2665, 24.9183,
41.8597

■ 26.0197, 26.4826,
48.4315

Harmonies

Analogous

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



16.2688, 15.1340, 9.4357



14.4863, 15.1340, 8.4610



12.8138, 15.1340, 9.2363

Triad

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



14.4863, 15.1340, 8.4610



11.5629, 15.1340, 21.6065



17.5151, 15.1340, 22.2162

Complementary

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



14.4863, 15.1340, 8.4610



9.7501, 9.8007, 19.7901

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.



16.0784, 15.1340, 26.7653



14.4863, 15.1340, 8.4610



12.6515, 15.1340, 26.3650

Square

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



14.4863, 15.1340, 8.4610



11.2121, 15.1340, 16.1890



14.2830, 15.1340, 28.4205



18.1049, 15.1340, 16.7712

Rectangle

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



14.4863, 15.1340, 8.4610



11.9651, 15.1340, 10.7548



14.2830, 15.1340, 28.4205



17.1096, 15.1340, 23.9398

Sweetspot

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



14.4867, 15.1347, 8.4613



30.0657, 31.6989, 29.0090



12.1916, 9.6160, 10.5588



6.8328, 7.2041, 6.4965



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.



14.4867, 15.1347, 8.4613



24.2977, 25.1845, 11.6055



14.9743, 17.9119, 8.9717



4.2091, 4.4367, 4.2590



11.8348, 11.1255, 1.5237



55.6743, 51.5120, 7.0085

Inverse Universe

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



9.7501, 9.8007, 19.7901



14.7746, 14.4680, 34.4068



9.3738, 7.9635, 19.4553



3.8884, 4.0752, 5.0248



4.3993, 2.8811, 19.7095



20.3145, 12.4016, 93.7928

Previews

White Background



This preview shows how the XYZ color 14.4863, 15.1340, 8.4610 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 14.4863, 15.1340, 8.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

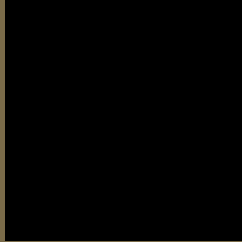
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4863, 15.1340, 8.4610

Background



This preview shows how black text looks on a background with the XYZ color 14.4863, 15.1340, 8.4610.



This preview shows how white text looks on a background with the XYZ color 14.4863, 15.1340,

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

14.4863, 15.1340, 8.4610

Protanopia

14.1759, 15.2832, 8.6814

Deuteranopia

15.3923, 15.1409, 8.5898



Tritanopia

16.1700, 15.0642, 16.8073

Trichromacy



Original Color

14.4863, 15.1340, 8.4610

Protanomaly

14.2063, 15.1415, 8.6524

Deuteranomaly

15.0400, 15.1096, 8.6023

Tritanomaly

15.5654, 15.1237, 13.4080

Monochromacy



Original Color

14.4863, 15.1340, 8.4610

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2382, 15.0621, 12.9833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4863, 15.1340, 8.4610 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, 107, 73)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 73)  
}
```

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, 107, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 73) }
```

Border

The CSS property to change the border of an element to XYZ 14.4863, 15.1340, 8.4610 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, 107, 73) }
```


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

```
.border{ border-color:rgb(122, 107, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 107, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 107, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 107, 73);  
box-shadow:4px 4px 4px 4px rgb(122, 107,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4863, 15.1340, 8.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 73) }
```

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

```
.background{ background-color: rgb(122,  
107, 73) }
```

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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