

Converting Colors

XYZ(15.8892, 14.7698, 17.3596)

Have a look what the booklet for
XYZ(15.8892, 14.7698, 17.3596)
contains.

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Color

**XYZ(15.8905, 14.7623,
17.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6570
RGB	124, 101, 112
RGB Percent	49%, 40%, 44%
CMY	0.5137, 0.6039, 0.5608
CMYK	0.00, 0.19, 0.10, 0.51
HSL	331°, 10%, 44%
HSV	331°, 19%, 49%
XYZ	15.8905, 14.7623, 17.3411
YIQ	109.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

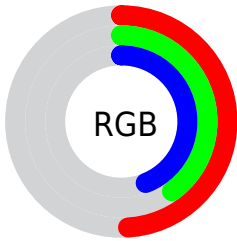
Format	Color
R_{YB}	124, 101, 112
Decimal	8152432
CIE _{Lab}	45.31, 11.19, -2.71
CIE _{LCh}	45, 11.515, 346.397
Yxy	14.7623, 0.3311, 0.3076
Android (android.graphics.Color)	4286342512 (0xFF7C6570)
YUV	109.1310, 1.4144, 13.0401
Hunter-Lab	38.4217, 6.5862, 0.1355

Details

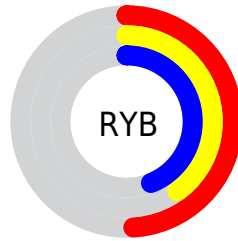
The XYZ color **15.8905, 14.7623, 17.3411** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5557, 18.3747, 18.3505**, and the grayscale version is **14.5674, 15.3261, 16.6901**.

A 20% lighter version of the original color is **36.0605, 34.4839, 39.8774**, and **5.1462, 4.5044, 5.4487** is the 20% darker color. If you saturate the color by 10%, you get **14.4289, 12.3949, 15.1399**, and if you desaturate by 10%, it is **17.5606, 17.5048, 19.7399**.

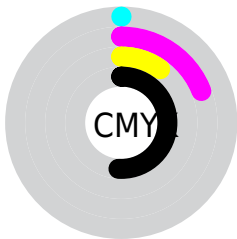
Distribution



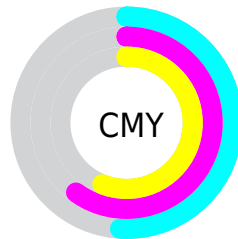
- Red (49%)
- Green (40%)
- Blue (44%)



- Red (49%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8905, 14.7623, 17.3411 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 15.8905, 14.7623, 17.3411 by changing the saturation by 10% instead.

■ 15.8905, 14.7623,
17.3411

■ 15.8905, 14.7623,
17.3411

221.9778,
221.9229, 249.2406

■ 9.5371, 8.6527,
10.3135

■ 35.9670, 34.4356,
39.7100

■ 5.1530, 4.5154,
5.4990

■ 50.4207, 48.7682,
55.8883

■ 2.3730, 1.9658,
2.4791

■ 68.3053, 66.6106,
75.9539

■ 0.8316, 0.5875,
0.8290

■ 89.9861, 88.3471,
100.3254

■ 0.0000, 0.0000,
0.0000

115.8283,
114.3622, 129.4213

146.1975,

145.0403, 163.6601

181.4588,
180.7657, 203.4603

■ 15.8905, 14.7623,
17.3411

■ 15.8905, 14.7623,
17.3411

■ 14.4289, 12.3949,
15.1399

■ 17.5606, 17.5048,
19.7399

■ 13.1657, 10.3840,
13.1298

■ 19.4459, 20.6357,
22.3405

■ 12.0922, 8.7128,
11.3053

■ 21.5546, 24.1704,
25.1485

■ 11.1983, 7.3620,
9.6601

■ 23.8940, 28.1224,
28.1687

■ 10.4729, 6.3104,
8.1877

■ 26.4711, 32.5051,
31.4058

■ 9.9037, 5.5343,
6.8807

■ 29.2924, 37.3310,
34.8643

■ 9.4765, 5.0064,
5.7313

■ 32.3644, 42.6120,
38.5486

■ 9.1538, 4.6530,
4.7237

■ 35.6932, 48.3598,
42.4630

■ 9.1094, 4.6040,
4.5868

■ 39.2848, 54.5856,
46.6116

Harmonies

Analogous

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



15.4017, 14.7623, 19.9756



15.8905, 14.7623, 17.3411



15.8654, 14.7623, 14.6359

Triad

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



15.8905, 14.7623, 17.3411



13.5197, 14.7623, 11.5424



12.8037, 14.7623, 20.1856

Complementary

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



15.8905, 14.7623, 17.3411



15.5557, 18.3747, 18.3505

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.



12.3440, 14.7623, 17.6026



15.8905, 14.7623, 17.3411



12.7443, 14.7623, 12.7161

Square

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



15.8905, 14.7623, 17.3411



14.4670, 14.7623, 11.4894



12.3228, 14.7623, 14.8695



13.6041, 14.7623, 21.7392

Rectangle

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



15.8905, 14.7623, 17.3411



15.5600, 14.7623, 13.1537



12.3228, 14.7623, 14.8695



12.6059, 14.7623, 19.3966

Sweetspot

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



15.8909, 14.7630, 17.3414



31.6645, 32.0650, 35.8045



15.0874, 14.2663, 21.0275



7.4192, 7.4884, 8.3791



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.8909, 14.7630, 17.3414



26.8982, 24.2451, 28.9353



15.3527, 14.6073, 14.3230



4.0707, 4.0440, 4.5699



9.2592, 4.6798, 4.6559



43.7423, 22.1533, 19.9707

Inverse Universe

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



15.8909, 14.7630, 17.3414



26.8982, 24.2451, 28.9353



16.1651, 18.5417, 21.7959



4.0707, 4.0440, 4.5699



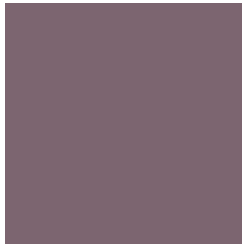
9.2592, 4.6798, 4.6559



43.7423, 22.1533, 19.9707

Previews

White Background



This preview shows how the XYZ color 15.8905, 14.7623, 17.3411 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 15.8905, 14.7623, 17.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

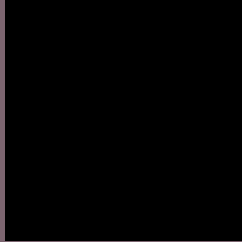
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8905, 14.7623, 17.3411

Background



This preview shows how black text looks on a background with the XYZ color 15.8905, 14.7623, 17.3411.



This preview shows how white text looks on a background with the XYZ color 15.8905, 14.7623,

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

15.8905, 14.7623, 17.3411

Protanopia

14.4156, 14.8790, 18.3318

Deuteranopia

15.0220, 14.7613, 17.0964



Tritanopia

15.7262, 14.6966, 16.4759

Trichromacy



Original Color

15.8905, 14.7623, 17.3411

Protanomaly

14.8989, 14.8288, 17.9966

Deuteranomaly

15.3272, 14.7701, 17.0820

Tritanomaly

15.7803, 14.7182, 16.7610

Monochromacy



Original Color

15.8905, 14.7623, 17.3411

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.9079, 15.0113, 16.8636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8905, 14.7623, 17.3411 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(124, 101, 112)` looks like.

```
.text, #text, p{  
    color:rgb(124, 101, 112)  
}
```

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(124, 101, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 101, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.8905, 14.7623, 17.3411 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(124, 101, 112) }
```


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

```
.border{ border-color:rgb(124, 101, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 101, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 101, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 101, 112);  
box-shadow:4px 4px 4px 4px rgb(124, 101,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8905, 14.7623, 17.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 101, 112) }
```

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

```
.background{ background-color: rgb(124,  
101, 112) }
```

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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