

Converting Colors

XYZ(14.8344, 12.7913, 17.4511)

Have a look what the booklet for
XYZ(14.8344, 12.7913, 17.4511)
contains.

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Color

**XYZ(14.8901, 12.8854,
17.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5B71
RGB	123, 91, 113
RGB Percent	48%, 36%, 44%
CMY	0.5176, 0.6431, 0.5569
CMYK	0.00, 0.26, 0.08, 0.52
HSL	319°, 15%, 42%
HSV	319°, 26%, 48%
XYZ	14.8901, 12.8854, 17.3251
YIQ	103.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

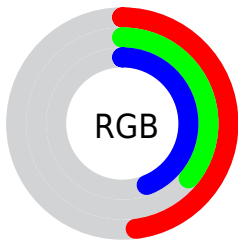
Format	Color
R_{YB}	123, 91, 113
Decimal	8084337
CIE Lab	42.59, 17.00, -7.36
CIE LCh	43, 18.521, 336.588
Yxy	12.8854, 0.3302, 0.2857
Android (android.graphics.Color)	4286274417 (0xFF7B5B71)
YUV	103.0760, 4.8925, 17.4733
Hunter-Lab	35.8962, 11.2251, -3.4886

Details

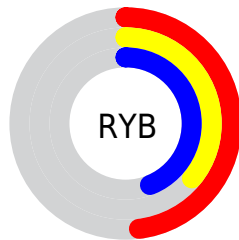
The XYZ color **14.8901, 12.8854, 17.3251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.7468, 17.3300, 14.9332**, and the grayscale version is **12.8978, 13.5695, 14.7772**.

A 20% lighter version of the original color is **34.2209, 30.9965, 39.7766**, and **4.7166, 3.7143, 5.4694** is the 20% darker color. If you saturate the color by 10%, you get **13.7118, 10.8677, 15.8872**, and if you desaturate by 10%, it is **16.2507, 15.2526, 18.8693**.

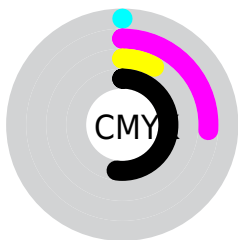
Distribution



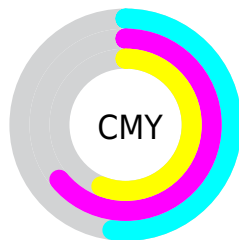
- Red (48%)
- Green (36%)
- Blue (44%)



- Red (48%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8901, 12.8854, 17.3251 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 14.8901, 12.8854, 17.3251 by changing the saturation by 10% instead.

■ 14.8901, 12.8854,
17.3251

■ 14.8901, 12.8854,
17.3251

216.1017,
210.1819, 249.1460

■ 8.8281, 7.3497,
10.3021

■ 34.2335, 31.0977,
39.6822

■ 4.6854, 3.6817,
5.4915

■ 48.2456, 44.5432,
55.8534

■ 2.0968, 1.4972,
2.4747

■ 65.6385, 61.3939,
75.9111

■ 0.6874, 0.2867,
0.8267

■ 86.7775, 82.0345,
100.2738

■ 0.0000, 0.0000,
0.0000

112.0280,
106.8491, 129.3601

141.7552,

136.2223, 163.5886

176.3247,
170.5384, 203.3777

■ 14.8901, 12.8854,
17.3251

■ 14.8901, 12.8854,
17.3251

■ 13.7118, 10.8677,
15.8872

■ 16.2507, 15.2526,
18.8693

■ 12.7062, 9.1810,
14.5514

■ 17.8003, 17.9834,
20.5222

■ 11.8644, 7.8077,
13.3143

■ 19.5469, 21.0929,
22.2870

■ 11.1763, 6.7277,
12.1720

■ 21.4974, 24.5951,
24.1667

■ 10.6308, 5.9188,
11.1201

■ 23.6586, 28.5032,
26.1639

■ 10.2148, 5.3553,
10.1539

■ 26.0367, 32.8299,
28.2813

■ 9.9051, 4.9908,
9.2648

■ 28.6380, 37.5870,
30.5215

■ 9.7907, 4.8599,
8.9249

■ 31.4682, 42.7862,
32.8868

■ 34.5330, 48.4385,
35.3797

Harmonies

Analogous

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



13.9246, 12.8854, 21.1834



14.8901, 12.8854, 17.3251



15.1237, 12.8854, 13.1631

Triad

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



14.8901, 12.8854, 17.3251



11.9406, 12.8854, 7.6754



10.2085, 12.8854, 19.1509

Complementary

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



14.8901, 12.8854, 17.3251



13.7468, 17.3300, 14.9332

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.



9.7607, 12.8854, 14.9342



14.8901, 12.8854, 17.3251



10.7102, 12.8854, 8.7011

Square

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



14.8901, 12.8854, 17.3251



13.3493, 12.8854, 8.0729



9.9371, 12.8854, 11.1817



11.2074, 12.8854, 22.3702

Rectangle

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



14.8901, 12.8854, 17.3251



14.8183, 12.8854, 10.8517



9.9371, 12.8854, 11.1817



9.9921, 12.8854, 17.7752

Sweetspot

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



14.8905, 12.8860, 17.3254



31.2403, 31.0791, 36.0868



12.6390, 11.6566, 20.3229



7.2696, 7.1643, 8.4063



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.



14.8905, 12.8860, 17.3254



25.4129, 20.9236, 29.5220



14.0863, 12.5643, 13.0907



4.1037, 4.0572, 4.7437



10.1258, 5.0265, 9.2195



47.9045, 23.8181, 41.8887

Inverse Universe

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



14.8905, 12.8860, 17.3254



25.4129, 20.9236, 29.5220



14.5852, 17.6654, 19.3479



4.1037, 4.0572, 4.7437



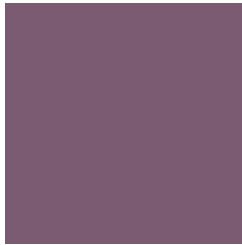
10.1258, 5.0265, 9.2195



47.9045, 23.8181, 41.8887

Previews

White Background



This preview shows how the XYZ color 14.8901, 12.8854, 17.3251 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 14.8901, 12.8854, 17.3251 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 14.8901, 12.8854, 17.3251

Background



This preview shows how black text looks on a background with the XYZ color 14.8901, 12.8854, 17.3251.



This preview shows how white text looks on a background with the XYZ color 14.8901, 12.8854,

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

14.8901, 12.8854, 17.3251

Protanopia

12.8167, 12.9876, 19.2841

Deuteranopia

13.2362, 12.9694, 17.1350



Tritanopia

14.0998, 12.8137, 13.7868

Trichromacy



Original Color

14.8901, 12.8854, 17.3251

Protanomaly

13.4294, 12.8979, 18.6114

Deuteranomaly

13.6989, 12.7990, 17.0777

Tritanomaly

14.4030, 12.8118, 15.0784

Monochromacy



Original Color

14.8901, 12.8854, 17.3251

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5461, 13.3002, 15.7632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8901, 12.8854, 17.3251 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(123, 91, 113)` looks like.

```
.text, #text, p{  
    color:rgb(123, 91, 113)  
}
```

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(123, 91, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 91, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.8901, 12.8854, 17.3251 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(123, 91, 113) }
```


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

```
.border{ border-color:rgb(123, 91, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 91, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 91, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 91, 113);  
box-shadow:4px 4px 4px 4px rgb(123, 91,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8901, 12.8854, 17.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 91, 113) }
```

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

```
.background{ background-color: rgb(123, 91,  
113) }
```

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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