

Converting Colors

XYZ(14.2753, 10.4687, 14.0520)

Have a look what the booklet for
XYZ(14.2753, 10.4687, 14.0520)
contains.

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Color

**XYZ(14.2171, 10.3913,
14.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	844767
RGB	132, 71, 103
RGB Percent	52%, 28%, 40%
CMY	0.4824, 0.7216, 0.5961
CMYK	0.00, 0.46, 0.22, 0.48
HSL	329°, 30%, 40%
HSV	329°, 46%, 52%
XYZ	14.2171, 10.3913, 14.0884
YIQ	92.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

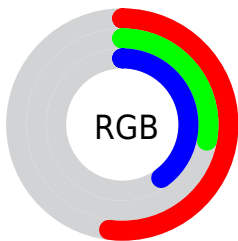
Format	Color
R_{YB}	132, 71, 103
Decimal	8669031
CIE Lab	38.54, 30.35, -7.13
CIE LCh	39, 31.175, 346.779
Yxy	10.3913, 0.3674, 0.2685
Android (android.graphics.Color)	4286859111 (0xFF844767)
YUV	92.8870, 4.9857, 34.3021
Hunter-Lab	32.2355, 22.3131, -3.3476

Details

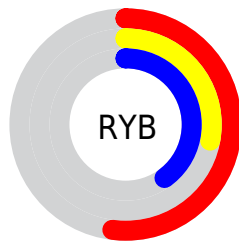
The XYZ color **14.2171, 10.3913, 14.0884** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.1505, 18.7624, 14.9858**, and the grayscale version is **10.3630, 10.9026, 11.8730**.

A 20% lighter version of the original color is **33.1636, 26.5726, 33.9530**, and **4.3285, 2.6038, 4.0158** is the 20% darker color. If you saturate the color by 10%, you get **13.1638, 8.7699, 12.2411**, and if you desaturate by 10%, it is **15.4771, 12.3880, 16.1215**.

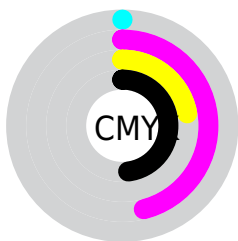
Distribution



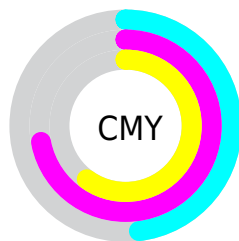
- Red (52%)
- Green (28%)
- Blue (40%)



- Red (52%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (48%)



- Cyan (48%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2171, 10.3913, 14.0884 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 14.2171, 10.3913, 14.0884 by changing the saturation by 10% instead.

■ 14.2171, 10.3913,
14.0884

■ 14.2171, 10.3913,
14.0884

212.0610,
193.4425, 229.2276

■ 8.3545, 5.6592,
8.0427

■ 33.0568, 26.5289,
33.9652

■ 4.3763, 2.6390,
4.0341

■ 46.7646, 38.7032,
48.6334

■ 1.9172, 0.9463,
1.6441

■ 63.8183, 54.1270,
67.0128

■ 0.5868, 0.0000,
0.3220

■ 84.5831, 73.1847,
89.5220

■ 0.0000, 0.0000,
0.0000

■ 109.4244, 96.2607,
116.5796

138.7076,

123.7394, 148.6040

172.7980,
156.0052, 186.0138

■ 14.2171, 10.3913,
14.0884

■ 14.2171, 10.3913,
14.0884

■ 13.1638, 8.7699,
12.2411

■ 15.4771, 12.3880,
16.1215

■ 12.3037, 7.4981,
10.5722

■ 16.9542, 14.7803,
18.3460

■ 11.6233, 6.5496,
9.0748

■ 18.6592, 17.5890,
20.7680

■ 11.1068, 5.8934,
7.7407

■ 20.6019, 20.8330,
23.3931

■ 10.7274, 5.4771,
6.5583

■ 22.7915, 24.5298,
26.2266

■ 10.5974, 5.3382,
6.1417

■ 25.2367, 28.6962,
29.2736

■ 27.9457, 33.3480,
32.5390

■ 30.9265, 38.5003,
36.0276

■ 34.1866, 44.1675,
39.7438

Harmonies

Analogous

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



13.0258, 10.3913, 20.9035



14.2171, 10.3913, 14.0884



14.1368, 10.3913, 8.3667

Triad

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



14.2171, 10.3913, 14.0884



8.7851, 10.3913, 3.5980



7.4226, 10.3913, 21.6561

Complementary

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



14.2171, 10.3913, 14.0884



13.1505, 18.7624, 14.9858

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.



6.5719, 10.3913, 14.8839



14.2171, 10.3913, 14.0884



7.2810, 10.3913, 5.2249

Square

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



14.2171, 10.3913, 14.0884



10.8029, 10.3913, 3.5144



6.5239, 10.3913, 8.9307



9.0049, 10.3913, 26.1864

Rectangle

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



14.2171, 10.3913, 14.0884



13.3701, 10.3913, 5.8254



6.5239, 10.3913, 8.9307



7.0517, 10.3913, 19.4783

Sweetspot

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



14.2174, 10.3918, 14.0886



33.4845, 32.0069, 37.4320



11.6153, 8.8521, 22.9262



7.6540, 7.2162, 8.5195



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.2174, 10.3918, 14.0886



23.1848, 15.4433, 21.5568



12.9730, 9.8940, 7.5358



4.7670, 4.7265, 5.3854



10.2637, 5.1698, 5.9611



0.0392, 0.0194, 0.0401

Inverse Universe

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



14.2174, 10.3918, 14.0886



23.1848, 15.4433, 21.5568



14.8771, 19.4530, 24.0781



4.7670, 4.7265, 5.3854



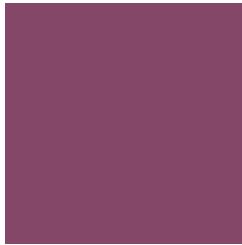
10.2637, 5.1698, 5.9611



0.0392, 0.0194, 0.0401

Previews

White Background



This preview shows how the XYZ color 14.2171, 10.3913, 14.0884 looks on a white background.

Color Contrast Check

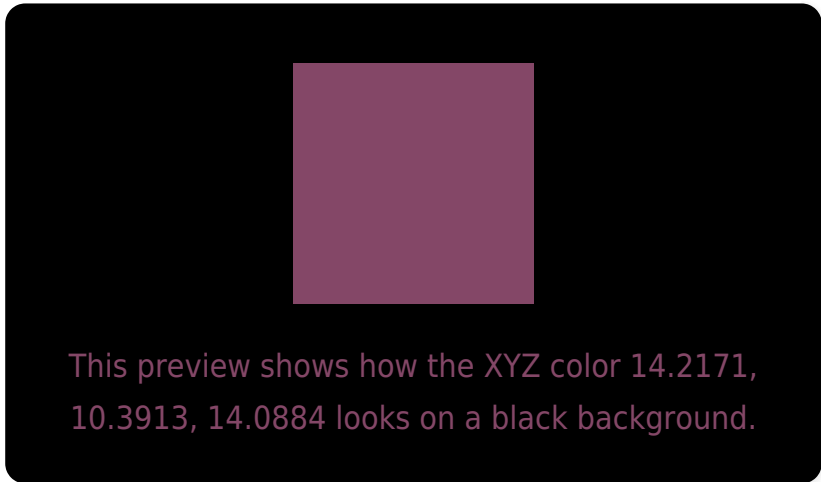
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

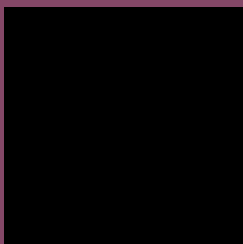
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2171, 10.3913, 14.0884

Background



This preview shows how black text looks on a background with the XYZ color 14.2171, 10.3913, 14.0884.



This preview shows how white text looks on a background with the XYZ color 14.2171, 10.3913,

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

14.2171, 10.3913, 14.0884

Protanopia

10.5549, 10.5046, 17.9943

Deuteranopia

10.6965, 10.5517, 13.5295



Tritanopia

13.2072, 10.3721, 9.0905

Trichromacy



Original Color

14.2171, 10.3913, 14.0884

Protanomaly

11.4420, 10.1590, 16.3967

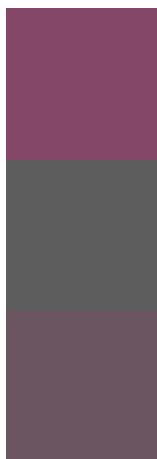
Deuteranomaly

11.6729, 10.2254, 13.6704

Tritanomaly

13.6120, 10.4441, 10.7497

Monochromacy



Original Color

14.2171, 10.3913, 14.0884

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.4696, 10.4859, 12.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2171, 10.3913, 14.0884 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(132, 71, 103)` looks like.

```
.text, #text, p{  
    color:rgb(132, 71, 103)  
}
```

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(132, 71, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 71, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.2171, 10.3913, 14.0884 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(132, 71, 103) }
```


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

```
.border{ border-color:rgb(132, 71, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 71, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 71, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 71, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 71,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2171, 10.3913, 14.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 71, 103) }
```

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

```
.background{ background-color: rgb(132, 71,  
103) }
```

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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