

Converting Colors

XYZ(14.0670, 10.9771, 12.3729)

Have a look what the booklet for
XYZ(14.0670, 10.9771, 12.3729)
contains.

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Color

**XYZ(14.1253, 10.9776,
12.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	834D60
RGB	131, 77, 96
RGB Percent	51%, 30%, 38%
CMY	0.4863, 0.6980, 0.6235
CMYK	0.00, 0.41, 0.27, 0.49
HSL	339°, 26%, 41%
HSV	339°, 41%, 51%
XYZ	14.1253, 10.9776, 12.4407
YIQ	95.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

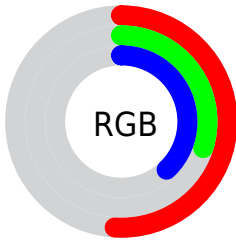
Format	Color
R_{YB}	131, 77, 96
Decimal	8605024
CIE Lab	39.54, 25.44, -1.29
CIE LCh	40, 25.468, 357.106
Yxy	10.9776, 0.3762, 0.2924
Android (android.graphics.Color)	4286795104 (0xFF834D60)
YUV	95.3120, 0.3392, 31.2984
Hunter-Lab	33.1325, 18.1178, 0.9303

Details

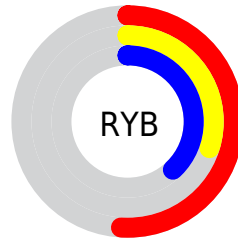
The XYZ color **14.1253, 10.9776, 12.4407** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1021, 18.9806, 18.2507**, and the grayscale version is **10.9472, 11.5173, 12.5424**.

A 20% lighter version of the original color is **32.7853, 27.5684, 30.7874**, and **4.3740, 2.9157, 3.3499** is the 20% darker color. If you saturate the color by 10%, you get **12.9293, 9.1777, 10.2163**, and if you desaturate by 10%, it is **15.5488, 13.1647, 14.9495**.

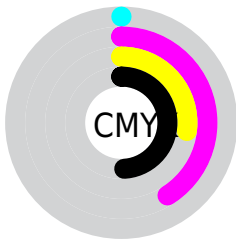
Distribution



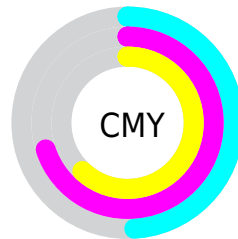
- Red (51%)
- Green (30%)
- Blue (38%)



- Red (51%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (49%)





- Cyan (49%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1253, 10.9776, 12.4407 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 14.1253, 10.9776, 12.4407 by changing the saturation by 10% instead.


 14.1253, 10.9776,
12.4407


 14.1253, 10.9776,
12.4407


211.5040,
197.5138, 218.3819


 8.2902, 6.0518,
6.9184


 32.8956, 27.6187,
30.9716


 4.3345, 2.8766,
3.3334

 46.5615, 40.1028,
44.8172


 1.8931, 1.0676,
1.2673

 63.5683, 55.8752,
62.2743

 0.5728, 0.0000,
0.0348

 84.2814, 75.3201,
83.7616

 0.0000, 0.0000,
0.0000

 109.0662, 98.8220,
109.6974

138.2879,

126.7654, 140.5003

172.3121,
159.5345, 176.5890

■ 14.1253, 10.9776,
12.4407

■ 14.1253, 10.9776,
12.4407

■ 12.9293, 9.1777,
10.2163

■ 15.5488, 13.1647,
14.9495

■ 11.9473, 7.7406,
8.2649

■ 17.2104, 15.7583,
17.7523

■ 11.1660, 6.6415,
6.5753


■ 19.1210, 18.7784,
20.8588


■ 10.5698, 5.8519,
5.1350


■ 21.2906, 22.2432,
24.2782


■ 10.1409, 5.3385,
3.9301


■ 23.7289, 26.1698,
28.0192

 9.8550, 5.0233,
3.0440

 26.4446, 30.5745,
32.0901

 29.4465, 35.4726,
36.4991

 32.7425, 40.8788,
41.2538

 36.3407, 46.8073,
46.3619

Harmonies

Analogous

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



13.4870, 10.9776, 17.9159



14.1253, 10.9776, 12.4407



13.6875, 10.9776, 8.1128

Triad

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



14.1253, 10.9776, 12.4407



8.9890, 10.9776, 5.3148



8.7280, 10.9776, 21.8815

Complementary

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



14.1253, 10.9776, 12.4407



14.1021, 18.9806, 18.2507

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.



7.7416, 10.9776, 16.8457



14.1253, 10.9776, 12.4407



7.8802, 10.9776, 7.4857

Square

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



14.1253, 10.9776, 12.4407



10.6029, 10.9776, 4.7343



7.4491, 10.9776, 11.4777



10.2667, 10.9776, 24.2307

Rectangle

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



14.1253, 10.9776, 12.4407



12.8684, 10.9776, 6.2391



7.4491, 10.9776, 11.4777



8.3276, 10.9776, 20.3889

Sweetspot

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



14.1256, 10.9781, 12.4409



33.8577, 33.0185, 36.7386



13.3318, 10.3396, 22.7660



7.7942, 7.5468, 8.4111



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.



14.1256, 10.9781, 12.4409



23.3675, 16.7538, 18.7045



13.8859, 11.7334, 8.5548



4.7352, 4.7138, 5.2181



9.7019, 4.9451, 3.0025



0.0368, 0.0184, 0.0274

Inverse Universe

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



14.1256, 10.9781, 12.4409



23.3675, 16.7538, 18.7045



14.3403, 17.5821, 24.1107



4.7352, 4.7138, 5.2181



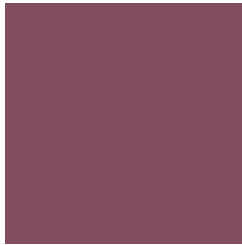
9.7019, 4.9451, 3.0025



0.0368, 0.0184, 0.0274

Previews

White Background



This preview shows how the XYZ color 14.1253, 10.9776, 12.4407 looks on a white background.

Color Contrast Check

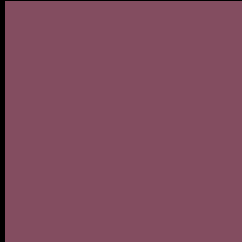
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1253, 10.9776, 12.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

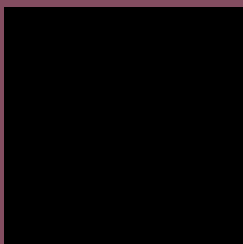
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1253, 10.9776, 12.4407

Background



This preview shows how black text looks on a background with the XYZ color 14.1253, 10.9776, 12.4407.



This preview shows how white text looks on a background with the XYZ color 14.1253, 10.9776,

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

14.1253, 10.9776, 12.4407

Protanopia

10.9295, 11.1446, 15.2107

Deuteranopia

11.3550, 11.1739, 12.1480



Tritanopia

13.6416, 10.9937, 9.9973

Trichromacy



Original Color

14.1253, 10.9776, 12.4407

Protanomaly

11.7503, 10.8399, 14.0434

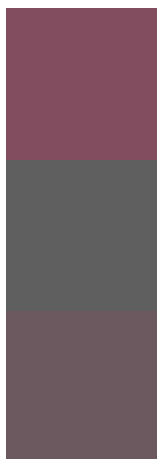
Deuteranomaly

12.2034, 10.9925, 12.3051

Tritanomaly

13.7335, 10.9159, 10.8343

Monochromacy



Original Color

14.1253, 10.9776, 12.4407

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7396, 10.9938, 12.3297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1253, 10.9776, 12.4407 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(131, 77, 96)` looks like.

```
.text, #text, p{  
    color:rgb(131, 77, 96)  
}
```

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(131, 77, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 77, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.1253, 10.9776, 12.4407 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(131, 77, 96) }
```


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

```
.border{ border-color:rgb(131, 77, 96) }
```

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

Here you see how a box with a 4 pixel rgb(131, 77, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 77, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 77, 96);  
box-shadow:4px 4px 4px 4px rgb(131, 77,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1253, 10.9776, 12.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 77, 96) }
```

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

```
.background{ background-color: rgb(131, 77,  
96) }
```

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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