

Converting Colors

XYZ(14.2159, 10.3546, 12.9245)

Have a look what the booklet for
XYZ(14.2159, 10.3546, 12.9245)
contains.

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Color

**XYZ(14.2263, 10.3305,
12.7995)**

Conversions

Conversions Part 1

Format	Color
Hex	864662
RGB	134, 70, 98
RGB Percent	53%, 27%, 38%
CMY	0.4745, 0.7255, 0.6157
CMYK	0.00, 0.48, 0.27, 0.47
HSL	334°, 31%, 40%
HSV	334°, 48%, 53%
XYZ	14.2263, 10.3305, 12.7995
YIQ	92.3280, 29.1560, 22.2760

Conversions

Conversions Part 2

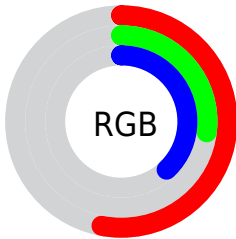
Format	Color
RYB	134, 70, 98
Decimal	8799842
CIELab	38.43, 30.86, -4.13
CIElCh	38, 31.140, 352.379
Yxy	10.3305, 0.3808, 0.2765
Android (android.graphics.Color)	4286989922 (0xFF864662)
YUV	92.3280, 2.7963, 36.5463
Hunter-Lab	32.1411, 22.7608, -1.1122

Details

The XYZ color **14.2263, 10.3305, 12.7995** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.6529, 19.3932, 16.6603**, and the grayscale version is **10.2377, 10.7709, 11.7295**.

A 20% lighter version of the original color is **33.1276, 26.4217, 31.7877**, and **4.3864, 2.6156, 3.5225** is the 20% darker color. If you saturate the color by 10%, you get **13.1404, 8.7017, 10.7635**, and if you desaturate by 10%, it is **15.5334, 12.3479, 15.0749**.

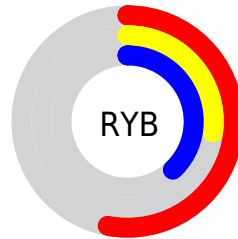
Distribution



Red (53%)

Green (27%)

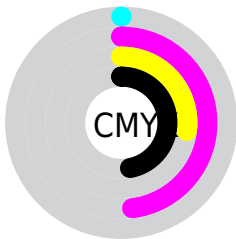
Blue (38%)



Red (53%)

Yellow (27%)

Blue (38%)

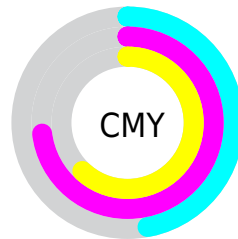


Cyan (0%)

Magenta (48%)

Yellow (27%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2263, 10.3305, 12.7995 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 14.2263, 10.3305, 12.7995 by changing the saturation by 10% instead.

■ 14.2263, 10.3305,
12.7995

■ 14.2263, 10.3305,
12.7995

212.1167,
193.0149, 220.7912

■ 8.3610, 5.6186,
7.1615

■ 33.0729, 26.4153,
31.6290

■ 4.3805, 2.6146,
3.4833

■ 46.7850, 38.5570,
45.6576

■ 1.9196, 0.9340,
1.3464

■ 63.8433, 53.9442,
63.3201

■ 0.5882, 0.0000,
0.0994

■ 84.6133, 72.9611,
85.0352

■ 0.0000, 0.0000,
0.0000

■ 109.4603, 95.9923,
111.2213

138.7496,

123.4220, 142.2970

172.8466,
155.6348, 178.6807

■ 14.2263, 10.3305,
12.7995

■ 14.2263, 10.3305,
12.7995

■ 13.1404, 8.7017,
10.7635

■ 15.5334, 12.3479,
15.0749

■ 12.2613, 7.4343,
8.9572

■ 17.0731, 14.7755,
17.5974

■ 11.5742, 6.5003,
7.3710

■ 18.8571, 17.6353,
20.3754

■ 11.0617, 5.8665,
5.9941

■ 20.8960, 20.9471,
23.4165

■ 10.6880, 5.4631,
4.8094

■ 23.1997, 24.7296,
26.7277

■ 10.6112, 5.3802,
4.5656

■ 25.7777, 29.0003,
30.3161

■ 28.6389, 33.7759,
34.1884

■ 31.7918, 39.0724,
38.3510

■ 35.2445, 44.9048,
42.8100

Harmonies

Analogous

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



13.2526, 10.3305, 19.5616



14.2263, 10.3305, 12.7995



13.8961, 10.3305, 7.5009

Triad

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



14.2263, 10.3305, 12.7995



8.4042, 10.3305, 3.7461



7.6203, 10.3305, 22.6525

Complementary

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



14.2263, 10.3305, 12.7995



13.6529, 19.3932, 16.6603

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.



6.6291, 10.3305, 16.0726



14.2263, 10.3305, 12.7995



7.0362, 10.3305, 5.7039

Square

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



14.2263, 10.3305, 12.7995



10.3465, 10.3305, 3.3997



6.4310, 10.3305, 9.8275



9.3094, 10.3305, 26.3972

Rectangle

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



14.2263, 10.3305, 12.7995



12.9995, 10.3305, 5.2630



6.4310, 10.3305, 9.8275



7.2046, 10.3305, 20.6095

Sweetspot

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



14.2266, 10.3310, 12.7997



34.4120, 32.9932, 37.6951



12.3429, 9.1175, 23.6637



7.6072, 7.1975, 8.2731



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.



14.2266, 10.3310, 12.7997



23.0669, 15.2061, 18.7970



13.3331, 10.3025, 7.0808



4.7509, 4.7200, 5.3006



9.9495, 5.0441, 4.3062



0.0380, 0.0189, 0.0337

Inverse Universe

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



14.2266, 10.3310, 12.7997



23.0669, 15.2061, 18.7970



14.9187, 19.2025, 25.4745



4.7509, 4.7200, 5.3006



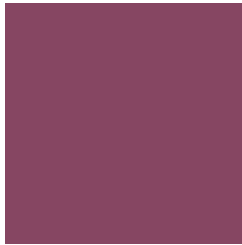
9.9495, 5.0441, 4.3062



0.0380, 0.0189, 0.0337

Previews

White Background



This preview shows how the XYZ color 14.2263, 10.3305, 12.7995 looks on a white background.

Color Contrast Check

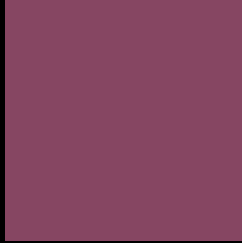
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2263, 10.3305, 12.7995 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 14.2263, 10.3305, 12.7995

Background



This preview shows how black text looks on a background with the XYZ color 14.2263, 10.3305, 12.7995.



This preview shows how white text looks on a background with the XYZ color 14.2263, 10.3305,

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

14.2263, 10.3305, 12.7995

Protanopia

10.3632, 10.4385, 16.5076

Deuteranopia

10.5923, 10.4023, 12.2761



Tritanopia

13.3758, 10.3676, 8.6933

Trichromacy



Original Color

14.2263, 10.3305, 12.7995

Protanomaly

11.2883, 10.1107, 14.9923

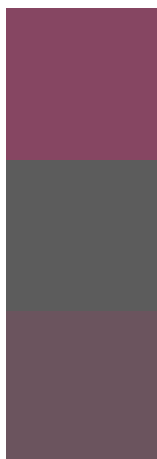
Deuteranomaly

11.6093, 10.1089, 12.4057

Tritanomaly

13.7351, 10.4235, 10.0921

Monochromacy



Original Color

14.2263, 10.3305, 12.7995

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.2541, 10.2746, 11.9797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2263, 10.3305, 12.7995 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(134, 70, 98)` looks like.

```
.text, #text, p{  
    color:rgb(134, 70, 98)  
}
```

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(134, 70, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 70, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.2263, 10.3305, 12.7995 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(134, 70, 98) }
```


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

```
.border{ border-color:rgb(134, 70, 98) }
```

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

Here you see how a box with a 4 pixel rgb(134, 70, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 70, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 70, 98);  
box-shadow:4px 4px 4px 4px rgb(134, 70,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2263, 10.3305, 12.7995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 70, 98) }
```

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

```
.background{ background-color: rgb(134, 70,  
98) }
```

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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