

Converting Colors

XYZ(14.5235, 10.8305, 14.4394)

Have a look what the booklet for
XYZ(14.5235, 10.8305, 14.4394)
contains.

XYZ(14.4632, 10.8026, 14.4195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4632, 10.8026,
14.4195)**

Conversions

Conversions Part 1

Format	Color
Hex	844A68
RGB	132, 74, 104
RGB Percent	52%, 29%, 41%
CMY	0.4824, 0.7098, 0.5922
CMYK	0.00, 0.44, 0.21, 0.48
HSL	329°, 28%, 40%
HSV	329°, 44%, 52%
XYZ	14.4632, 10.8026, 14.4195
YIQ	94.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

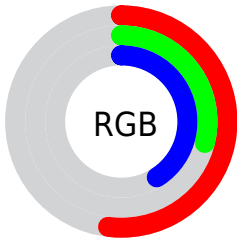
Format	Color
RYB	132, 74, 104
Decimal	8669800
CIELab	39.25, 28.81, -6.69
CIELCh	39, 29.577, 346.923
Yxy	10.8026, 0.3644, 0.2722
Android (android.graphics.Color)	4286859880 (0xFF844A68)
YUV	94.7620, 4.5543, 32.6577
Hunter-Lab	32.8673, 21.0308, -3.0045

Details

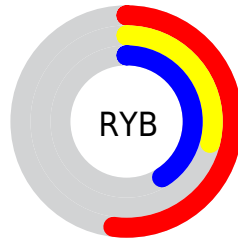
The XYZ color **14.4632, 10.8026, 14.4195** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.4741, 18.9180, 15.5127**, and the grayscale version is **10.8060, 11.3687, 12.3805**.

A 20% lighter version of the original color is **33.3737, 27.2210, 34.5055**, and **4.5238, 2.8286, 4.1784** is the 20% darker color. If you saturate the color by 10%, you get **13.3611, 9.0970, 12.5150**, and if you desaturate by 10%, it is **15.7753, 12.8889, 16.5150**.

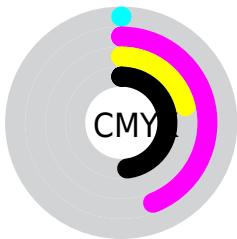
Distribution



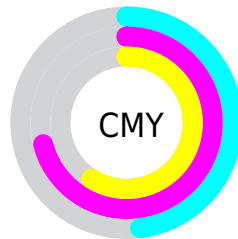
- Red (52%)
- Green (29%)
- Blue (41%)



- Red (52%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4632, 10.8026, 14.4195 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 14.4632, 10.8026, 14.4195 by changing the saturation by 10% instead.

■ 14.4632, 10.8026,
14.4195

■ 14.4632, 10.8026,
14.4195

213.5471,
196.3082, 231.3436

■ 8.5274, 5.9343,
8.2709

■ 33.4881, 27.2946,
34.5593

■ 4.4888, 2.8051,
4.1786

■ 47.3079, 39.6870,
49.3876

■ 1.9822, 1.0309,
1.7238

■ 64.4865, 55.3562,
67.9463

■ 0.6240, 0.0000,
0.3770

■ 85.3890, 74.6866,
90.6539

■ 0.0000, 0.0000,
0.0000

■ 110.3810, 98.0626,
117.9288

139.8278,

125.8686, 150.1898

174.0947,
158.4890, 187.8552

■ 14.4632, 10.8026,
14.4195

■ 14.4632, 10.8026,
14.4195

■ 13.3611, 9.0970,
12.5150

■ 15.7753, 12.8889,
16.5150

■ 12.4559, 7.7469,
10.7941

■ 17.3077, 15.3760,
18.8071

■ 11.7344, 6.7268,
9.2497

■ 19.0711, 18.2841,
21.3019

■ 11.1812, 6.0068,
7.8739

■ 21.0751, 21.6318,
24.0052

■ 10.7768, 5.5490,
6.6573

■ 23.3287, 25.4366,
26.9223

■ 10.5675, 5.3262,
5.9836

■ 25.8407, 29.7150,
30.0583

■ 28.6193, 34.4826,
33.4182

■ 31.6722, 39.7544,
37.0068

■ 35.0069, 45.5447,
40.8288

Harmonies

Analogous

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



13.3233, 10.8026, 20.9447



14.4632, 10.8026, 14.4195



14.3798, 10.8026, 8.8524

Triad

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



14.4632, 10.8026, 14.4195



9.1937, 10.8026, 4.0854



7.8700, 10.8026, 21.7180

Complementary

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



14.4632, 10.8026, 14.4195



13.4741, 18.9180, 15.5127

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.



7.0251, 10.8026, 15.2486



14.4632, 10.8026, 14.4195



7.7189, 10.8026, 5.7537

Square

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



14.4632, 10.8026, 14.4195



11.1577, 10.8026, 3.9921



6.9736, 10.8026, 9.4532



9.4260, 10.8026, 25.9884

Rectangle

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



14.4632, 10.8026, 14.4195



13.6398, 10.8026, 6.3314



6.9736, 10.8026, 9.4532



7.5027, 10.8026, 19.6487

Sweetspot

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



14.4635, 10.8031, 14.4197



33.8087, 32.5646, 37.8197



11.9885, 9.3347, 22.9998



7.7219, 7.3336, 8.5985



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.



14.4635, 10.8031, 14.4197



23.4920, 15.9582, 21.9664



13.2671, 10.3246, 8.1196



4.7656, 4.7259, 5.3782



10.2346, 5.1582, 5.8080



0.0391, 0.0193, 0.0395

Inverse Universe

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



14.4635, 10.8031, 14.4197



23.4920, 15.9582, 21.9664



15.1094, 19.5721, 24.1242



4.7656, 4.7259, 5.3782



10.2346, 5.1582, 5.8080



0.0391, 0.0193, 0.0395

Previews

White Background



This preview shows how the XYZ color 14.4632, 10.8026, 14.4195 looks on a white background.

Color Contrast Check

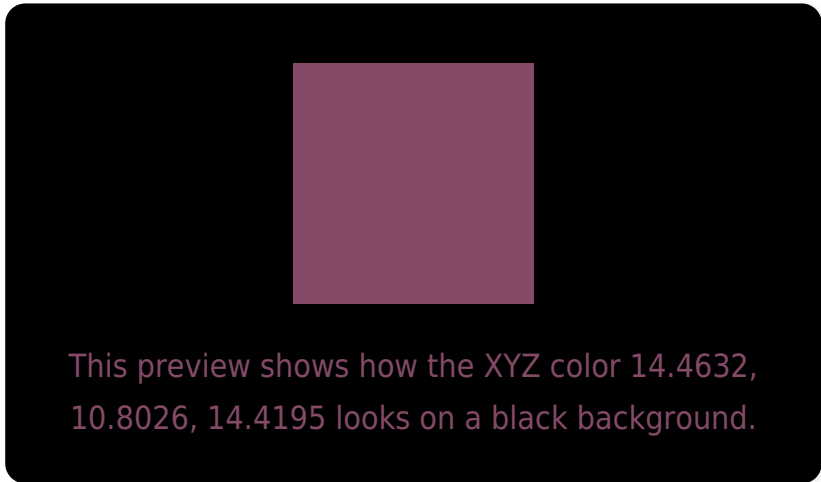
Large Text (above 18pt) WCAG AA ✓ Pass

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

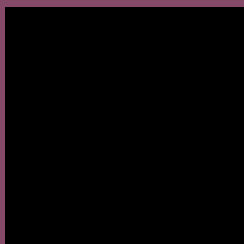
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4632, 10.8026, 14.4195

Background



This preview shows how black text looks on a background with the XYZ color 14.4632, 10.8026, 14.4195.



This preview shows how white text looks on a background with the XYZ color 14.4632, 10.8026,

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

14.4632, 10.8026, 14.4195

Protanopia

10.9100, 10.9415, 18.0599

Deuteranopia

11.0421, 10.8486, 13.8239



Tritanopia

13.5305, 10.8347, 9.7657

Trichromacy



Original Color

14.4632, 10.8026, 14.4195

Protanomaly

11.7666, 10.5504, 16.7455

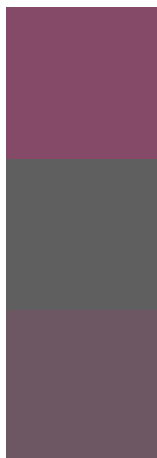
Deuteranomaly

11.9990, 10.6150, 13.9868

Tritanomaly

13.9023, 10.8884, 11.2665

Monochromacy



Original Color

14.4632, 10.8026, 14.4195

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7971, 10.8864, 13.0348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4632, 10.8026, 14.4195 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, 74, 104)` looks like.

```
.text, #text, p{  
    color:rgb(132, 74, 104)  
}
```

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, 74, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 74, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.4632, 10.8026, 14.4195 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, 74, 104) }
```


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

```
.border{ border-color:rgb(132, 74, 104) }
```

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

Here you see how a box with a 4 pixel rgb(132, 74, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 74, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 74, 104);  
box-shadow:4px 4px 4px 4px rgb(132, 74,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4632, 10.8026, 14.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 74, 104) }
```

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

```
.background{ background-color: rgb(132, 74,  
104) }
```

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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