

Converting Colors

XYZ(14.3540, 11.8528, 13.8209)

Have a look what the booklet for
XYZ(14.3540, 11.8528, 13.8209)
contains.

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Color

**XYZ(14.4214, 11.8694,
13.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	805465
RGB	128, 84, 101
RGB Percent	50%, 33%, 40%
CMY	0.4980, 0.6706, 0.6039
CMYK	0.00, 0.34, 0.21, 0.50
HSL	337°, 21%, 42%
HSV	337°, 34%, 50%
XYZ	14.4214, 11.8694, 13.8429
YIQ	99.0940, 20.7670, 14.6150

Conversions

Conversions Part 2

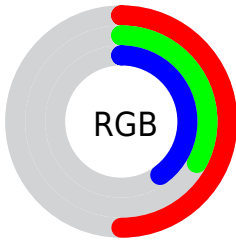
Format	Color
R_{YB}	128, 84, 101
Decimal	8410213
CIE _{Lab}	41.01, 20.96, -2.28
CIE _{LCh}	41, 21.082, 353.800
Yxy	11.8694, 0.3593, 0.2957
Android (android.graphics.Color)	4286600293 (0xFF805465)
YUV	99.0940, 0.9397, 25.3506
Hunter-Lab	34.4520, 14.4280, 0.2935

Details

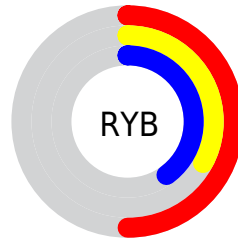
The XYZ color **14.4214, 11.8694, 13.8429** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.2451, 18.4712, 17.8542**, and the grayscale version is **11.8777, 12.4963, 13.6084**.

A 20% lighter version of the original color is **33.4840, 29.2623, 33.5891**, and **4.5009, 3.2723, 3.8844** is the 20% darker color. If you saturate the color by 10%, you get **13.1506, 9.9145, 11.6104**, and if you desaturate by 10%, it is **15.9113, 14.2033, 16.3302**.

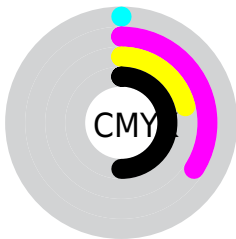
Distribution



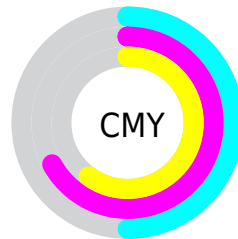
- Red (50%)
- Green (33%)
- Blue (40%)



- Red (50%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4214, 11.8694, 13.8429 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 14.4214, 11.8694, 13.8429 by changing the saturation by 10% instead.


 14.4214, 11.8694,
13.8429


 14.4214, 11.8694,
13.8429


213.2954,
203.5388, 227.6456


 8.4980, 6.6548,
7.8740


 33.4149, 29.2570,
33.5231


 4.4697, 3.2472,
3.9278

 47.2158, 42.1988,
48.0715


 1.9711, 1.2621,
1.5858

 64.3732, 58.4852,
66.3168

 0.6177, 0.1116,
0.2807

 85.2524, 78.5005,
88.6775

 0.0000, 0.0000,
0.0000

 110.2189,
102.6291, 115.5722

139.6380,

131.2554, 147.4195

173.8751,
164.7638, 184.6378

■ 14.4214, 11.8694,
13.8429

■ 14.4214, 11.8694,
13.8429

■ 13.1506, 9.9145,
11.6104

■ 15.9113, 14.2033,
16.3302

■ 12.0869, 8.3166,
9.6233

■ 17.6293, 16.9332,
19.0798

■ 11.2187, 7.0543,
7.8725

■ 19.5853, 20.0771,
22.0999

■ 10.5329, 6.1030,
6.3481

■ 21.7882, 23.6514,
25.3978

■ 10.0144, 5.4344,
5.0392

■ 24.2466, 27.6717,
28.9809

■ 9.6432, 5.0107,
3.9331

■ 26.9683, 32.1526,
32.8559

■ 9.4661, 4.8148,
3.3863

■ 29.9612, 37.1081,
37.0295

■ 33.2326, 42.5519,
41.5083

■ 36.7896, 48.4967,
46.2983

Harmonies

Analogous

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



13.7906, 11.8694, 18.4837



14.4214, 11.8694, 13.8429



14.1523, 11.8694, 9.8501

Triad

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



14.4214, 11.8694, 13.8429



10.1499, 11.8694, 6.7105



9.6520, 11.8694, 20.8628

Complementary

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



14.4214, 11.8694, 13.8429



14.2451, 18.4712, 17.8542

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.



8.8279, 11.8694, 16.5784



14.4214, 11.8694, 13.8429



9.0969, 11.8694, 8.6082

Square

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



14.4214, 11.8694, 13.8429



11.5980, 11.8694, 6.2941



8.6340, 11.8694, 12.0462



10.9708, 11.8694, 23.0791

Rectangle

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



14.4214, 11.8694, 13.8429



13.5097, 11.8694, 7.9802



8.6340, 11.8694, 12.0462



9.3128, 11.8694, 19.5762

Sweetspot

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



14.4217, 11.8700, 13.8431



32.4138, 32.0164, 35.7371



13.5474, 11.2405, 21.8779



7.4953, 7.3456, 8.2217



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.4217, 11.8700, 13.8431



23.6629, 18.2330, 21.3565



14.0254, 12.2751, 10.0182



4.3912, 4.3696, 4.8645



9.3869, 4.7744, 3.3611



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.4217, 11.8700, 13.8431



23.6629, 18.2330, 21.3565



14.7105, 17.7589, 23.0748



4.3912, 4.3696, 4.8645



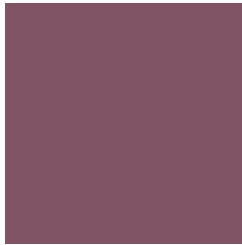
9.3869, 4.7744, 3.3611



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4214, 11.8694, 13.8429 looks on a white background.

Color Contrast Check

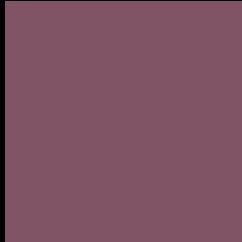
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4214, 11.8694, 13.8429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

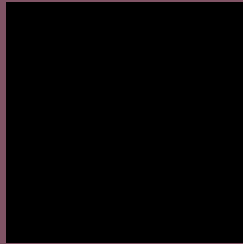
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4214, 11.8694, 13.8429

Background



This preview shows how black text looks on a background with the XYZ color 14.4214, 11.8694, 13.8429.

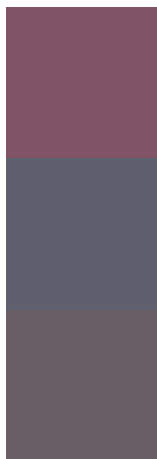


This preview shows how white text looks on a background with the XYZ color 14.4214, 11.8694,

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

14.4214, 11.8694, 13.8429

Protanopia

11.6625, 11.9028, 16.1508

Deuteranopia

12.0805, 11.9095, 13.4664



Tritanopia

14.0120, 11.9403, 11.6914

Trichromacy



Original Color

14.4214, 11.8694, 13.8429

Protanomaly

12.4921, 11.8207, 15.2589

Deuteranomaly

12.7665, 11.7431, 13.6504

Tritanomaly

14.0665, 11.8352, 12.3695

Monochromacy



Original Color

14.4214, 11.8694, 13.8429

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.7334, 12.2405, 13.7481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4214, 11.8694, 13.8429 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(128, 84, 101)` looks like.

```
.text, #text, p{  
    color:rgb(128, 84, 101)  
}
```

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(128, 84, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 84, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.4214, 11.8694, 13.8429 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(128, 84, 101) }
```


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

```
.border{ border-color:rgb(128, 84, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 84, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 84, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 84, 101);  
box-shadow:4px 4px 4px 4px rgb(128, 84,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4214, 11.8694, 13.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 84, 101) }
```

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

```
.background{ background-color: rgb(128, 84,  
101) }
```

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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