

Converting Colors

XYZ(13.9390, 11.6632, 13.8750)

Have a look what the booklet for
XYZ(13.9390, 11.6632, 13.8750)
contains.

XYZ(13.8315, 11.5653, 13.8153)	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(13.8315, 11.5653,
13.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5465
RGB	124, 84, 101
RGB Percent	49%, 33%, 40%
CMY	0.5137, 0.6706, 0.6039
CMYK	0.00, 0.32, 0.19, 0.51
HSL	335°, 19%, 41%
HSV	335°, 32%, 49%
XYZ	13.8315, 11.5653, 13.8153
YIQ	97.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

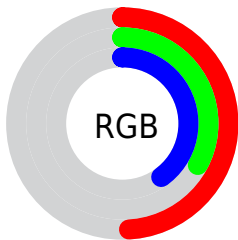
Format	Color
R_{YB}	124, 84, 101
Decimal	8148069
CIE _{Lab}	40.52, 19.39, -3.06
CIE _{LCh}	41, 19.628, 351.040
Yxy	11.5653, 0.3527, 0.2949
Android (android.graphics.Color)	4286338149 (0xFF7C5465)
YUV	97.8980, 1.5293, 22.8915
Hunter-Lab	34.0078, 13.0851, -0.2805

Details

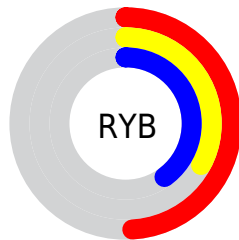
The XYZ color **13.8315, 11.5653, 13.8153** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.5181, 17.3620, 16.5494**, and the grayscale version is **11.5775, 12.1804, 13.2645**.

A 20% lighter version of the original color is **32.3241, 28.6643, 33.5349**, and **4.1830, 3.1084, 3.8695** is the 20% darker color. If you saturate the color by 10%, you get **12.6186, 9.6745, 11.7615**, and if you desaturate by 10%, it is **15.2458, 13.8101, 16.0861**.

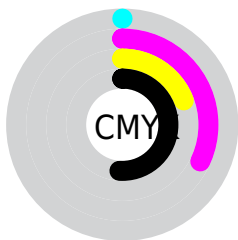
Distribution



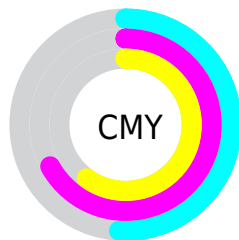
- Red (49%)
- Green (33%)
- Blue (40%)



- Red (49%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (51%)





- Cyan (51%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.8315, 11.5653, 13.8153 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 13.8315, 11.5653, 13.8153 by changing the saturation by 10% instead.


 13.8315, 11.5653,
13.8153


 13.8315, 11.5653,
13.8153


209.7117,
201.5058, 227.4671


 8.0845, 6.4484,
7.8550


 32.3785, 28.7009,
33.4733


 4.2013, 3.1196,
3.9159

 45.9092, 41.4884,
48.0082


 1.8166, 1.1945,
1.5793

 62.7652, 57.6015,
66.2383

 0.5277, 0.0572,
0.2760

 83.3118, 77.4247,
88.5823

 0.0000, 0.0000,
0.0000

 107.9144,
101.3423, 115.4586

136.9384,

129.7388, 147.2858

170.7490,
162.9985, 184.4825

■ 13.8315, 11.5653,
13.8153

■ 13.8315, 11.5653,
13.8153

■ 12.6186, 9.6745,
11.7615

■ 15.2458, 13.8101,
16.0861

■ 11.5964, 8.1178,
9.9169

■ 16.8695, 16.4243,
18.5798

■ 10.7545, 6.8759,
8.2744

■ 18.7116, 19.4242,
21.3030

■ 10.0813, 5.9265,
6.8258

■ 20.7799, 22.8247,
24.2618

■ 9.5635, 5.2448,
5.5625

■ 23.0821, 26.6401,
27.4620

■ 9.1858, 4.8013,
4.4748

■ 25.6255, 30.8837,
30.9093

■ 8.9479, 4.5394,
3.7363

■ 28.4170, 35.5683,
34.6090

■ 31.4631, 40.7062,
38.5664

■ 34.7703, 46.3093,
42.7866

Harmonies

Analogous

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



13.1907, 11.5653, 18.0089



13.8315, 11.5653, 13.8153



13.6635, 11.5653, 10.0534

Triad

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



13.8315, 11.5653, 13.8153



10.0659, 11.5653, 6.7420



9.4050, 11.5653, 19.4849

Complementary

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



13.8315, 11.5653, 13.8153



13.5181, 17.3620, 16.5494

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.



8.6944, 11.5653, 15.5270



13.8315, 11.5653, 13.8153



9.0531, 11.5653, 8.3884

Square

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



13.8315, 11.5653, 13.8153



11.4115, 11.5653, 6.4724



8.5712, 11.5653, 11.4443



10.5838, 11.5653, 21.7041

Rectangle

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



13.8315, 11.5653, 13.8153



13.1208, 11.5653, 8.2280



8.5712, 11.5653, 11.4443



9.1077, 11.5653, 18.2789

Sweetspot

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



13.8318, 11.5658, 13.8155



30.3091, 29.9127, 33.6302



12.8323, 10.9016, 20.4969



7.0534, 6.9073, 7.7934



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.8318, 11.5658, 13.8155



22.6724, 17.7465, 21.5063



13.2941, 11.6883, 9.9435



4.0624, 4.0407, 4.5264



9.0951, 4.6142, 3.7915



42.9769, 21.8471, 15.9402

Inverse Universe

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



13.8318, 11.5658, 13.8155



22.6724, 17.7465, 21.5063



14.1726, 17.0963, 21.6220



4.0624, 4.0407, 4.5264



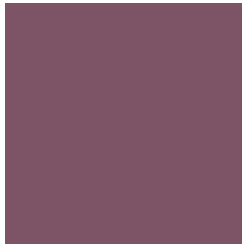
9.0951, 4.6142, 3.7915



42.9769, 21.8471, 15.9402

Previews

White Background



This preview shows how the XYZ color 13.8315, 11.5653, 13.8153 looks on a white background.

Color Contrast Check

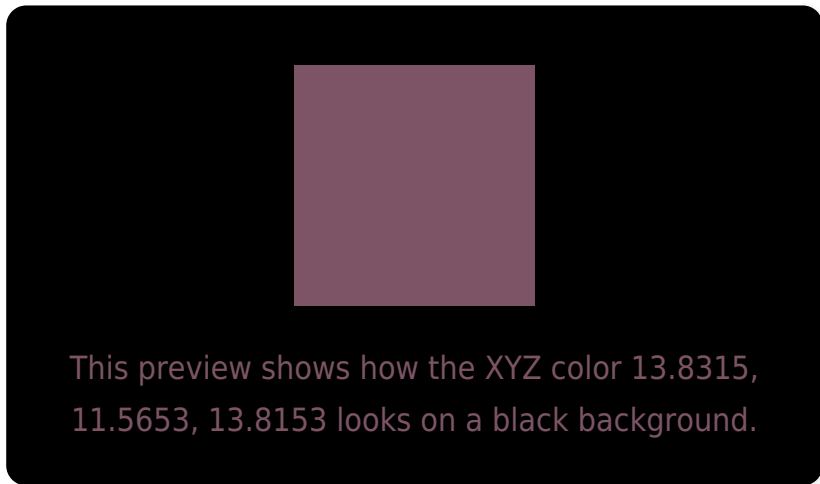
Large Text (above 18pt) WCAG AA ✓ Pass

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

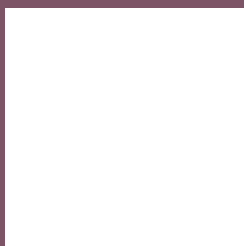
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8315, 11.5653, 13.8153

Background



This preview shows how black text looks on a background with the XYZ color 13.8315, 11.5653, 13.8153.



This preview shows how white text looks on a background with the XYZ color 13.8315, 11.5653,

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

13.8315, 11.5653, 13.8153

Protanopia

11.4151, 11.6468, 15.8338

Deuteranopia

11.7600, 11.6131, 13.4261



Tritanopia

13.4279, 11.6392, 11.6641

Trichromacy



Original Color

13.8315, 11.5653, 13.8153

Protanomaly

12.1166, 11.5053, 14.9467

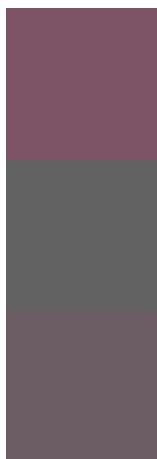
Deuteranomaly

12.5120, 11.6119, 13.6385

Tritanomaly

13.4824, 11.5342, 12.3422

Monochromacy



Original Color

13.8315, 11.5653, 13.8153

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2299, 11.8554, 13.4481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8315, 11.5653, 13.8153 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(124, 84, 101)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 84, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 84, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.8315, 11.5653, 13.8153 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(124, 84, 101) }
```


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

```
.border{ border-color:rgb(124, 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(124, 84, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 84, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 84, 101);  
box-shadow:4px 4px 4px 4px rgb(124, 84,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8315, 11.5653, 13.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 84, 101) }
```

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

```
.background{ background-color: rgb(124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor