

Converting Colors

XYZ(14.4448, 11.4958, 13.0282)

Have a look what the booklet for
XYZ(14.4448, 11.4958, 13.0282)
contains.

XYZ(14.4333, 11.4445, 13.0036)	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(14.4333, 11.4445,
13.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	835062
RGB	131, 80, 98
RGB Percent	51%, 31%, 38%
CMY	0.4863, 0.6863, 0.6157
CMYK	0.00, 0.39, 0.25, 0.49
HSL	339°, 24%, 41%
HSV	339°, 39%, 51%
XYZ	14.4333, 11.4445, 13.0036
YIQ	97.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

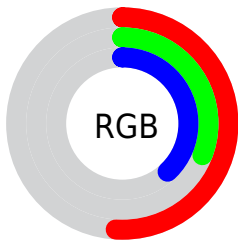
Format	Color
R _Y B	131, 80, 98
Decimal	8605794
CIE Lab	40.32, 24.00, -1.39
CIE LCh	40, 24.040, 356.687
Yxy	11.4445, 0.3712, 0.2943
Android (android.graphics.Color)	4286795874 (0xFF835062)
YUV	97.3010, 0.3446, 29.5540
Hunter-Lab	33.8297, 16.9542, 0.8907

Details

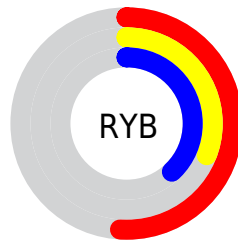
The XYZ color **14.4333, 11.4445, 13.0036** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.4057, 19.1305, 18.5570**, and the grayscale version is **11.4316, 12.0269, 13.0973**.

A 20% lighter version of the original color is **33.4150, 28.4495, 32.1639**, and **4.5001, 3.0975, 3.6095** is the 20% darker color. If you saturate the color by 10%, you get **13.1867, 9.5583, 10.7168**, and if you desaturate by 10%, it is **15.9099, 13.7228, 15.5765**.

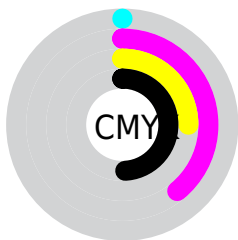
Distribution



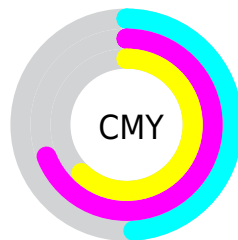
- Red (51%)
- Green (31%)
- Blue (38%)



- Red (51%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (49%)





- Cyan (49%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4333, 11.4445, 13.0036 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 14.4333, 11.4445, 13.0036 by changing the saturation by 10% instead.


 14.4333, 11.4445,
13.0036


 14.4333, 11.4445,
13.0036


213.3671,
200.6922, 222.1494


 8.5064, 6.3666,
7.3003


 33.4358, 28.4792,
32.0015


 4.4751, 3.0693,
3.5693

 47.2420, 41.2049,
46.1332


 1.9743, 1.1680,
1.3922

 64.4054, 57.2487,
63.9114

 0.6195, 0.0353,
0.1356

 85.2913, 76.9949,
85.7547

 0.0000, 0.0000,
0.0000

 110.2651,
100.8279, 112.0816

139.6921,

129.1323, 143.3107

173.9376,
162.2922, 179.8604

■ 14.4333, 11.4445,
13.0036

■ 14.4333, 11.4445,
13.0036

■ 13.1867, 9.5583,
10.7168

■ 15.9099, 13.7228,
15.5765

■ 12.1571, 8.0402,
8.7050

■ 17.6270, 16.4122,
18.4448

■ 11.3312, 6.8661,
6.9569

■ 19.5953, 19.5323,
21.6181

■ 10.6940, 6.0084,
5.4605

■ 21.8248, 23.1010,
25.1056

■ 10.2284, 5.4349,
4.2023

■ 24.3247, 27.1353,
28.9157

■ 9.8912, 5.0621,
3.1598

■ 27.1040, 31.6511,
33.0569

■ 9.8577, 5.0243,
3.0589

■ 30.1711, 36.6636,
37.5369

■ 33.5340, 42.1876,
42.3636

■ 37.2007, 48.2369,
47.5443

Harmonies

Analogous

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



13.8079, 11.4445, 18.2665



14.4333, 11.4445, 13.0036



14.0280, 11.4445, 8.7495

Triad

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



14.4333, 11.4445, 13.0036



9.4899, 11.4445, 5.8863



9.1976, 11.4445, 21.9059

Complementary

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



14.4333, 11.4445, 13.0036



14.4057, 19.1305, 18.5570

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.



8.2383, 11.4445, 17.0970



14.4333, 11.4445, 13.0036



8.3944, 11.4445, 8.0380

Square

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



14.4333, 11.4445, 13.0036



11.0655, 11.4445, 5.3170



7.9599, 11.4445, 11.9339



10.6920, 11.4445, 24.1724

Rectangle

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



14.4333, 11.4445, 13.0036



13.2485, 11.4445, 6.8672



7.9599, 11.4445, 11.9339



8.8080, 11.4445, 20.4812

Sweetspot

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



14.4336, 11.4450, 13.0038



33.8596, 33.0193, 36.7488



13.6862, 10.8411, 22.8438



7.7947, 7.5470, 8.4136



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.



14.4336, 11.4450, 13.0038



23.7878, 17.3759, 19.5178



14.2005, 12.1891, 9.1945



4.7354, 4.7139, 5.2191



9.7047, 4.9462, 3.0172



0.0368, 0.0184, 0.0275

Inverse Universe

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



14.4336, 11.4450, 13.0038



23.7878, 17.3759, 19.5178



14.6381, 17.8099, 24.1388



4.7354, 4.7139, 5.2191



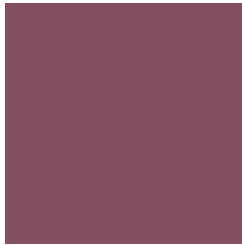
9.7047, 4.9462, 3.0172



0.0368, 0.0184, 0.0275

Previews

White Background



This preview shows how the XYZ color 14.4333, 11.4445, 13.0036 looks on a white background.

Color Contrast Check

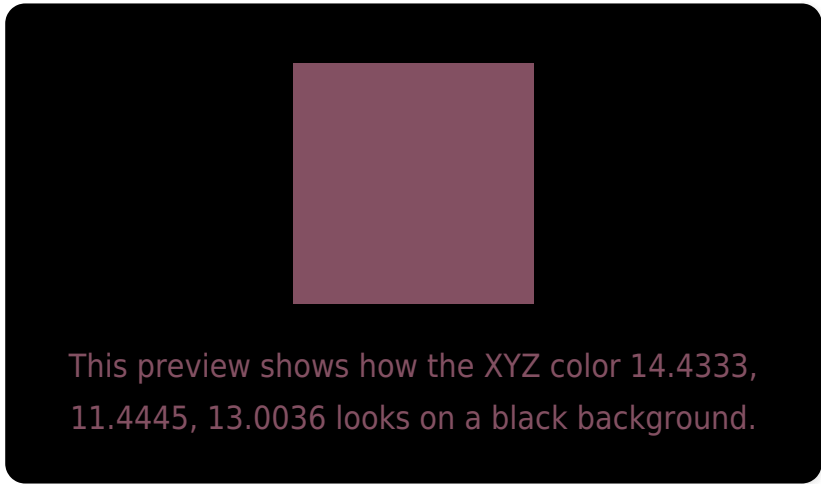
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4333, 11.4445, 13.0036

Background



This preview shows how black text looks on a background with the XYZ color 14.4333, 11.4445, 13.0036.



This preview shows how white text looks on a background with the XYZ color 14.4333, 11.4445,

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

14.4333, 11.4445, 13.0036

Protanopia

11.3621, 11.6256, 15.5550

Deuteranopia

11.6474, 11.4419, 12.6610



Tritanopia

13.9847, 11.4850, 10.7123

Trichromacy



Original Color

14.4333, 11.4445, 13.0036

Protanomaly

12.2183, 11.4376, 14.6604

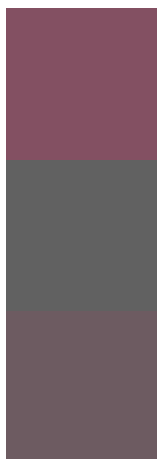
Deuteranomaly

12.5868, 11.4199, 12.8501

Tritanomaly

14.0801, 11.4034, 11.5842

Monochromacy



Original Color

14.4333, 11.4445, 13.0036

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.2054, 11.5964, 12.9043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4333, 11.4445, 13.0036 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, 80, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 80, 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(131, 80, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 80, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.4333, 11.4445, 13.0036 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, 80, 98) }
```


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

```
.border{ border-color:rgb(131, 80, 98) }
```

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

Here you see how a box with a 4 pixel rgb(131, 80, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 80, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 80, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 80,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4333, 11.4445, 13.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 80, 98) }
```

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

```
.background{ background-color: rgb(131, 80,  
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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