

Converting Colors

XYZ(14.2346, 11.4931, 14.1542)

Have a look what the booklet for
XYZ(14.2346, 11.4931, 14.1542)
contains.

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Color

**XYZ(14.3177, 11.5831,
14.0515)**

Conversions

Conversions Part 1

Format	Color
Hex	805266
RGB	128, 82, 102
RGB Percent	50%, 32%, 40%
CMY	0.4980, 0.6784, 0.6000
CMYK	0.00, 0.36, 0.20, 0.50
HSL	334°, 22%, 41%
HSV	334°, 36%, 50%
XYZ	14.3177, 11.5831, 14.0515
YIQ	98.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

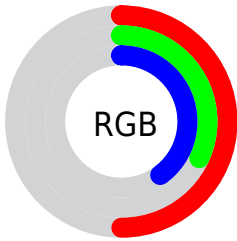
Format	Color
R_{YB}	128, 82, 102
Decimal	8409702
CIE Lab	40.55, 22.31, -3.58
CIE LCh	41, 22.594, 350.893
Yxy	11.5831, 0.3584, 0.2899
Android (android.graphics.Color)	4286599782 (0xFF805266)
YUV	98.0340, 1.9552, 26.2802
Hunter-Lab	34.0340, 15.5335, -0.6551

Details

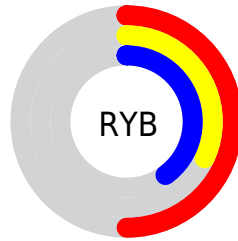
The XYZ color **14.3177, 11.5831, 14.0515** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.9062, 18.3153, 16.9906**, and the grayscale version is **11.6098, 12.2144, 13.3015**.

A 20% lighter version of the original color is **33.2924, 28.7475, 33.9311**, and **4.4624, 3.1573, 3.9887** is the 20% darker color. If you saturate the color by 10%, you get **13.0977, 9.6925, 11.9511**, and if you desaturate by 10%, it is **15.7497, 13.8475, 16.3774**.

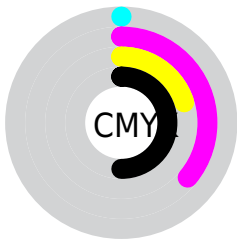
Distribution



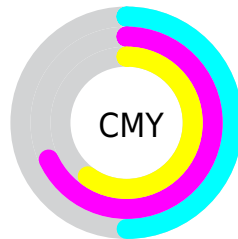
- Red (50%)
- Green (32%)
- Blue (40%)



- Red (50%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3177, 11.5831, 14.0515 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 14.3177, 11.5831, 14.0515 by changing the saturation by 10% instead.


 14.3177, 11.5831,
14.0515


 14.3177, 11.5831,
14.0515

212.6697,
201.6254, 228.9905


 8.4251, 6.4605,
8.0173


 33.2333, 28.7335,
33.8988


 4.4223, 3.1271,
4.0181

 46.9870, 41.5301,
48.5491


 1.9437, 1.1984,
1.6353

 64.0918, 57.6534,
66.9084

 0.6020, 0.0604,
0.3158

 84.9130, 77.4879,
89.3954

 0.0000, 0.0000,
0.0000

 109.8161,
101.4179, 116.4285

139.1663,

129.8280, 148.4264

173.3291,
163.1023, 185.8076

■ 14.3177, 11.5831,
14.0515

■ 14.3177, 11.5831,
14.0515

■ 13.0977, 9.6925,
11.9511

■ 15.7497, 13.8475,
16.3774

■ 12.0780, 8.1536,
10.0680

■ 17.4029, 16.5028,
18.9352

■ 11.2470, 6.9447,
8.3943

■ 19.2868, 19.5673,
21.7319

■ 10.5916, 6.0408,
6.9214

■ 21.4104, 23.0572,
24.7740

■ 10.0967, 5.4132,
5.6398

■ 23.7819, 26.9882,
28.0678

■ 9.7375, 5.0137,
4.5365

■ 26.4093, 31.3751,
31.6191

■ 9.6074, 4.8713,
4.1303

■ 29.3001, 36.2319,
35.4337

■ 32.4616, 41.5722,
39.5173

■ 35.9007, 47.4088,
43.8751

Harmonies

Analogous

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



13.5602, 11.5831, 18.9910



14.3177, 11.5831, 14.0515



14.1247, 11.5831, 9.7363

Triad

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



14.3177, 11.5831, 14.0515



9.9532, 11.5831, 6.0656



9.1888, 11.5831, 20.7131

Complementary

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



14.3177, 11.5831, 14.0515



13.9062, 18.3153, 16.9906

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.



8.3895, 11.5831, 16.0046



14.3177, 11.5831, 14.0515



8.8004, 11.5831, 7.8501

Square

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



14.3177, 11.5831, 14.0515



11.5012, 11.5831, 5.7841



8.2545, 11.5831, 11.2744



10.5318, 11.5831, 23.4025

Rectangle

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



14.3177, 11.5831, 14.0515



13.4899, 11.5831, 7.6986



8.2545, 11.5831, 11.2744



8.8533, 11.5831, 19.2673

Sweetspot

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



14.3180, 11.5836, 14.0517



32.1417, 31.4903, 35.5904



13.0136, 10.7381, 21.8091



7.4399, 7.2341, 8.2056



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.



14.3180, 11.5836, 14.0517



23.4502, 17.6631, 21.7309



13.6192, 11.5863, 9.5019



4.3994, 4.3729, 4.9075



9.5270, 4.8305, 4.0990



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.3180, 11.5836, 14.0517



23.4502, 17.6631, 21.7309



14.7989, 18.1978, 23.1549



4.3994, 4.3729, 4.9075



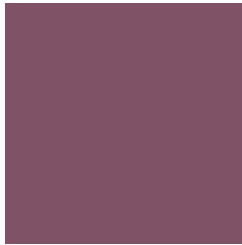
9.5270, 4.8305, 4.0990



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3177, 11.5831, 14.0515 looks on a white background.

Color Contrast Check

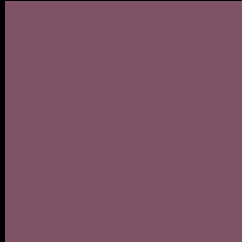
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3177, 11.5831, 14.0515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

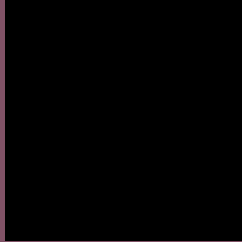
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3177, 11.5831, 14.0515

Background



This preview shows how black text looks on a background with the XYZ color 14.3177, 11.5831, 14.0515.



This preview shows how white text looks on a background with the XYZ color 14.3177, 11.5831,

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

14.3177, 11.5831, 14.0515

Protanopia

11.4209, 11.6374, 16.3961

Deuteranopia

11.8081, 11.6324, 13.6795



Tritanopia

13.7682, 11.5909, 11.1845

Trichromacy



Original Color

14.3177, 11.5831, 14.0515

Protanomaly

12.2539, 11.4380, 15.4718

Deuteranomaly

12.6034, 11.5291, 13.8730

Tritanomaly

13.8660, 11.5067, 12.0799

Monochromacy



Original Color

14.3177, 11.5831, 14.0515

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.3860, 11.8064, 13.4304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3177, 11.5831, 14.0515 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, 82, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 82, 102)  
}
```

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, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.3177, 11.5831, 14.0515 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, 82, 102) }
```


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

```
.border{ border-color:rgb(128, 82, 102) }
```

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

Here you see how a box with a 4 pixel rgb(128, 82, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3177, 11.5831, 14.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 102) }
```

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

```
.background{ background-color: rgb(128, 82,  
102) }
```

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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