

Converting Colors

XYZ(14.3107, 11.0646, 13.0224)

Have a look what the booklet for
XYZ(14.3107, 11.0646, 13.0224)
contains.

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Color

**XYZ(14.2186, 11.0149,
12.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	834D62
RGB	131, 77, 98
RGB Percent	51%, 30%, 38%
CMY	0.4863, 0.6980, 0.6157
CMYK	0.00, 0.41, 0.25, 0.49
HSL	337°, 26%, 41%
HSV	337°, 41%, 51%
XYZ	14.2186, 11.0149, 12.9320
YIQ	95.5400, 25.4430, 17.9790

Conversions

Conversions Part 2

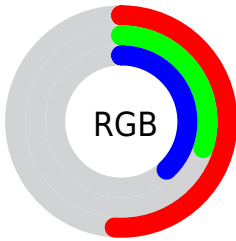
Format	Color
R_{YB}	131, 77, 98
Decimal	8605026
CIE _{Lab}	39.61, 25.75, -2.44
CIE _{LCh}	40, 25.862, 354.589
Yxy	11.0149, 0.3726, 0.2886
Android (android.graphics.Color)	4286795106 (0xFF834D62)
YUV	95.5400, 1.2128, 31.0984
Hunter-Lab	33.1887, 18.3922, 0.1297

Details

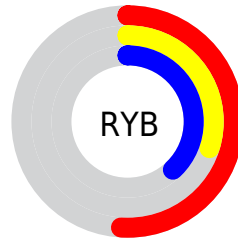
The XYZ color **14.2186, 11.0149, 12.9320** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.9919, 18.9365, 17.6705**, and the grayscale version is **11.0001, 11.5730, 12.6030**.

A 20% lighter version of the original color is **33.0218, 27.6630, 32.0328**, and **4.3924, 2.8820, 3.5736** is the 20% darker color. If you saturate the color by 10%, you get **13.0333, 9.2193, 10.7643**, and if you desaturate by 10%, it is **15.6269, 13.1959, 15.3609**.

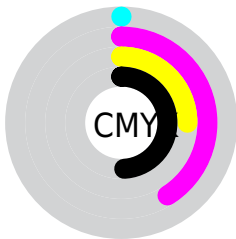
Distribution



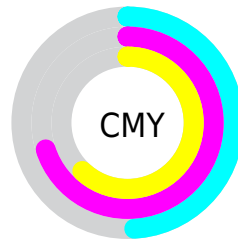
- Red (51%)
- Green (30%)
- Blue (38%)



- Red (51%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2186, 11.0149, 12.9320 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 14.2186, 11.0149, 12.9320 by changing the saturation by 10% instead.

■ 14.2186, 11.0149,
12.9320

■ 14.2186, 11.0149,
12.9320

212.0700,
197.7697, 221.6739

■ 8.3556, 6.0769,
7.2516

■ 33.0594, 27.6877,
31.8710

■ 4.3770, 2.8919,
3.5391

■ 46.7680, 40.1913,
45.9666

■ 1.9176, 1.0755,
1.3761

■ 63.8224, 55.9855,
63.7043

■ 0.5870, 0.0000,
0.1229

■ 84.5880, 75.4547,
85.5027

■ 0.0000, 0.0000,
0.0000

■ 109.4302, 98.9833,
111.7803

138.7144,

126.9558, 142.9557

172.8059,
159.7565, 179.4474

■ 14.2186, 11.0149,
12.9320

■ 14.2186, 11.0149,
12.9320

■ 13.0333, 9.2193,
10.7643

■ 15.6269, 13.1959,
15.3609

■ 12.0580, 7.7849,
8.8475

■ 17.2687, 15.7816,
18.0594

■ 11.2793, 6.6868,
7.1717


■ 19.1546, 18.7918,
21.0360


■ 10.6821, 5.8968,
5.7259


■ 21.2946, 22.2448,
24.2991


■ 10.2487, 5.3816,
4.4977


■ 23.6979, 26.1574,
27.8562

 9.9564, 5.0638,
3.5778

 26.3734, 30.5460,
31.7150

 29.3294, 35.4257,
35.8825

 32.5739, 40.8113,
40.3656

 36.1146, 46.7169,
45.1711

Harmonies

Analogous

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



13.4814, 11.0149, 18.5420



14.2186, 11.0149, 12.9320



13.8632, 11.0149, 8.3910

Triad

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



14.2186, 11.0149, 12.9320



9.1215, 11.0149, 5.1556



8.6259, 11.0149, 21.7703

Complementary

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



14.2186, 11.0149, 12.9320



13.9919, 18.9365, 17.6705

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.



7.6802, 11.0149, 16.5023



14.2186, 11.0149, 12.9320



7.9430, 11.0149, 7.2028

Square

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



14.2186, 11.0149, 12.9320



10.7921, 11.0149, 4.6934



7.4449, 11.0149, 11.1013



10.1530, 11.0149, 24.4830

Rectangle

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



14.2186, 11.0149, 12.9320



13.0730, 11.0149, 6.3886



7.4449, 11.0149, 11.1013



8.2366, 11.0149, 20.1788

Sweetspot

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



14.2189, 11.0154, 12.9322



33.9231, 33.0447, 37.0829



13.1071, 10.2237, 22.7555



7.8106, 7.5534, 8.4974



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.



14.2189, 11.0154, 12.9322



23.5522, 16.8276, 19.6767



13.7476, 11.4568, 8.5086



4.7420, 4.7165, 5.2537



9.8017, 4.9850, 3.5282



0.0374, 0.0186, 0.0301

Inverse Universe

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



14.2189, 11.0154, 12.9322



23.5522, 16.8276, 19.6767



14.5675, 18.0365, 24.1865



4.7420, 4.7165, 5.2537



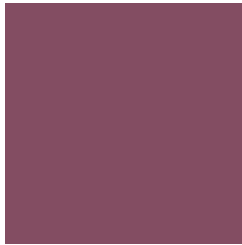
9.8017, 4.9850, 3.5282



0.0374, 0.0186, 0.0301

Previews

White Background



This preview shows how the XYZ color 14.2186, 11.0149, 12.9320 looks on a white background.

Color Contrast Check

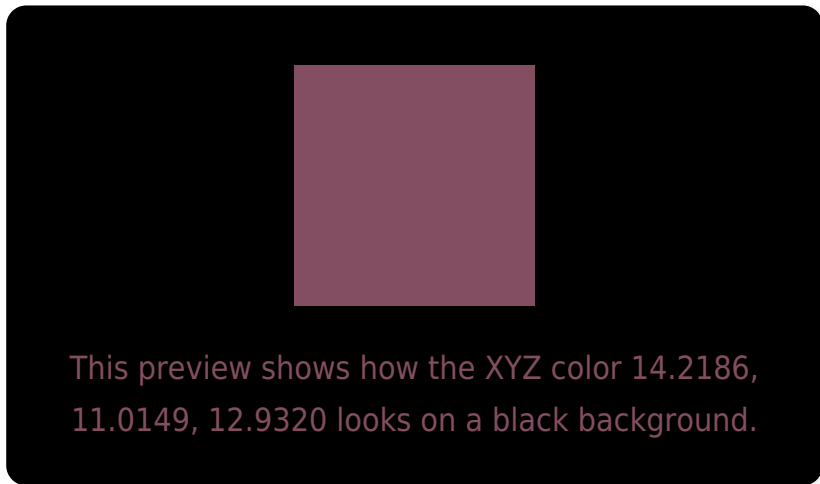
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2186, 11.0149, 12.9320

Background



This preview shows how black text looks on a background with the XYZ color 14.2186, 11.0149, 12.9320.



This preview shows how white text looks on a background with the XYZ color 14.2186, 11.0149,

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

14.2186, 11.0149, 12.9320

Protanopia

10.9355, 11.1356, 15.7604

Deuteranopia

11.3319, 11.1515, 12.6215



Tritanopia

13.6416, 10.9937, 9.9973

Trichromacy



Original Color

14.2186, 11.0149, 12.9320

Protanomaly

11.8507, 10.8800, 14.5722

Deuteranomaly

12.2955, 11.0294, 12.7901

Tritanomaly

13.7758, 10.9328, 11.0570

Monochromacy



Original Color

14.2186, 11.0149, 12.9320

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0367, 11.2590, 12.8481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2186, 11.0149, 12.9320 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, 77, 98)` looks like.

```
.text, #text, p{  
    color:rgb(131, 77, 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, 77, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 77, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.2186, 11.0149, 12.9320 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, 77, 98) }
```


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

```
.border{ border-color:rgb(131, 77, 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, 77, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 77, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 77, 98);  
box-shadow:4px 4px 4px 4px rgb(131, 77,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2186, 11.0149, 12.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 77, 98) }
```

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

```
.background{ background-color: rgb(131, 77,  
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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