

Converting Colors

XYZ(15.8511, 11.8166, 14.8100)

Have a look what the booklet for
XYZ(15.8511, 11.8166, 14.8100)
contains.

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Color

**XYZ(15.8511, 11.8166,
14.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4D69
RGB	139, 77, 105
RGB Percent	55%, 30%, 41%
CMY	0.4549, 0.6980, 0.5882
CMYK	0.00, 0.45, 0.24, 0.45
HSL	333°, 29%, 42%
HSV	333°, 45%, 55%
XYZ	15.8511, 11.8166, 14.8100
YIQ	98.7300, 27.9640, 21.8520

Conversions

Conversions Part 2

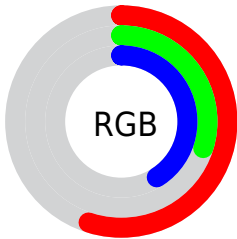
Format	Color
R_{YB}	139, 77, 105
Decimal	9129321
CIE _{Lab}	40.92, 29.86, -4.71
CIE _{LCh}	41, 30.229, 351.032
Yxy	11.8166, 0.3732, 0.2782
Android (android.graphics.Color)	4287319401 (0xFF8B4D69)
YUV	98.7300, 3.0911, 35.3168
Hunter-Lab	34.3753, 22.1530, -1.4814

Details

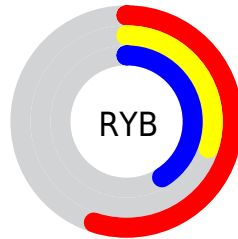
The XYZ color **15.8511, 11.8166, 14.8100** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.1629, 21.1910, 18.3309**, and the grayscale version is **11.7797, 12.3932, 13.4961**.

A 20% lighter version of the original color is **35.8383, 29.0484, 35.1705**, and **5.1336, 3.2105, 4.3521** is the 20% darker color. If you saturate the color by 10%, you get **14.6061, 9.9256, 12.5478**, and if you desaturate by 10%, it is **17.3398, 14.1385, 17.3270**.

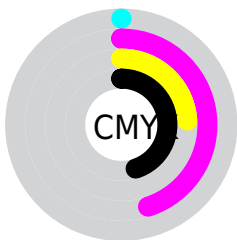
Distribution



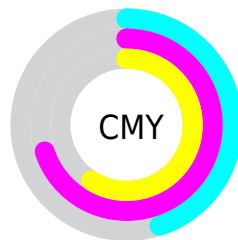
- Red (55%)
- Green (30%)
- Blue (41%)



- Red (55%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (45%)





- Cyan (45%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8511, 11.8166, 14.8100 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 15.8511, 11.8166, 14.8100 by changing the saturation by 10% instead.


 15.8511, 11.8166,
14.8100


 15.8511, 11.8166,
14.8100


221.7492,
203.1873, 233.8143


 9.5090, 6.6189,
8.5410


 35.8991, 29.1606,
35.2571


 5.1344, 3.2249,
4.3503

 50.3356, 42.0758,
50.2723


 2.3619, 1.2503,
1.8194

 68.2011, 58.3322,
69.0399

 0.8261, 0.1022,
0.4407

 89.8608, 78.3143,
91.9786

 0.0000, 0.0000,
0.0000

 115.6801,
102.4065, 119.5069

146.0244,

130.9931, 152.0432

181.2590,
164.4586, 190.0062

■ 15.8511, 11.8166,
14.8100

■ 15.8511, 11.8166,
14.8100

■ 14.6061, 9.9256,
12.5478

■ 17.3398, 14.1385,
17.3270

■ 13.5894, 8.4367,
10.5304

■ 19.0842, 16.9142,
20.1067

■ 12.7855, 7.3202,
8.7480

■ 21.0968, 20.1673,
23.1578

■ 12.1764, 6.5416,
7.1897

■ 23.3888, 23.9189,
26.4879

■ 11.7386, 6.0557,
5.8425

■ 25.9708, 28.1890,
30.1046

■ 11.5383, 5.8453,
5.1893

■ 28.8530, 32.9966,
34.0150

■ 32.0450, 38.3596,
38.2261

■ 35.5557, 44.2951,
42.7445

■ 39.3940, 50.8194,
47.5766

Harmonies

Analogous

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



14.7779, 11.8166, 21.8849



15.8511, 11.8166, 14.8100



15.5687, 11.8166, 9.0538

Triad

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



15.8511, 11.8166, 14.8100



9.8064, 11.8166, 4.6539



8.8177, 11.8166, 24.5001

Complementary

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



15.8511, 11.8166, 14.8100



15.1629, 21.1910, 18.3309

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.



7.7851, 11.8166, 17.6220



15.8511, 11.8166, 14.8100



8.3030, 11.8166, 6.7443

Square

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



15.8511, 11.8166, 14.8100



11.8910, 11.8166, 4.3333



7.6096, 11.8166, 11.1005



10.5965, 11.8166, 28.5451

Rectangle

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



15.8511, 11.8166, 14.8100



14.6629, 11.8166, 6.5333



7.6096, 11.8166, 11.1005



8.3819, 11.8166, 22.3556

Sweetspot

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



15.8514, 11.8172, 14.8102



38.2930, 36.9503, 42.2292



13.7533, 10.4917, 25.7264



8.6457, 8.2246, 9.4670



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.8514, 11.8172, 14.8102



26.0418, 17.6033, 22.2524



14.7882, 11.6269, 8.4866



5.1206, 5.0837, 5.7237



10.4223, 5.2790, 4.7281



0.0765, 0.0380, 0.0694

Inverse Universe

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



15.8514, 11.8172, 14.8102



26.0418, 17.6033, 22.2524



16.6573, 21.3145, 27.6623



5.1206, 5.0837, 5.7237



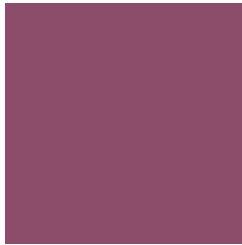
10.4223, 5.2790, 4.7281



0.0765, 0.0380, 0.0694

Previews

White Background



This preview shows how the XYZ color 15.8511, 11.8166, 14.8100 looks on a white background.

Color Contrast Check

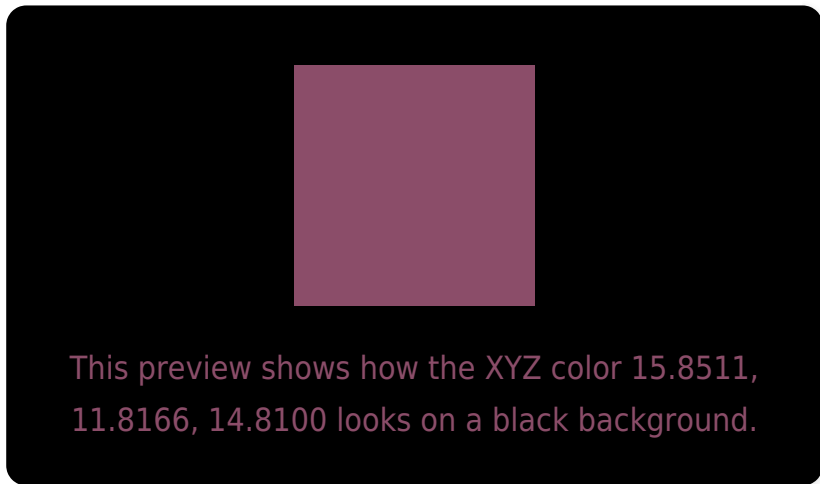
Large Text (above 18pt) WCAG AA ✓ Pass

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

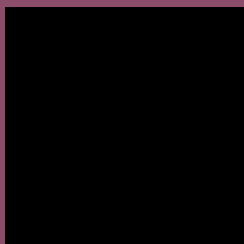
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8511, 11.8166, 14.8100

Background



This preview shows how black text looks on a background with the XYZ color 15.8511, 11.8166, 14.8100.



This preview shows how white text looks on a background with the XYZ color 15.8511, 11.8166,

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

15.8511, 11.8166, 14.8100

Protanopia

11.8074, 11.9254, 18.5091

Deuteranopia

12.1099, 11.9078, 14.2305



Tritanopia

14.9387, 11.8751, 10.3089

Trichromacy



Original Color

15.8511, 11.8166, 14.8100

Protanomaly

12.8597, 11.5882, 17.1818

Deuteranomaly

13.2740, 11.7406, 14.3985

Tritanomaly

15.3257, 11.9309, 11.8511

Monochromacy



Original Color

15.8511, 11.8166, 14.8100

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.0295, 11.9992, 13.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8511, 11.8166, 14.8100 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(139, 77, 105)` looks like.

```
.text, #text, p{  
    color:rgb(139, 77, 105)  
}
```

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(139, 77, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 77, 105) }
```

Border

The CSS property to change the border of an element to XYZ 15.8511, 11.8166, 14.8100 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(139, 77, 105) }
```


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

```
.border{ border-color:rgb(139, 77, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 77, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 77, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 77, 105);  
box-shadow:4px 4px 4px 4px rgb(139, 77,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8511, 11.8166, 14.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 77, 105) }
```

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

```
.background{ background-color: rgb(139, 77,  
105) }
```

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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