

Converting Colors

XYZ(14.1277, 11.0985, 16.4505)

Have a look what the booklet for
XYZ(14.1277, 11.0985, 16.4505)
contains.

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Color

**XYZ(14.1227, 11.0996,
16.4370)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7D4F6F |
| RGB | 125, 79, 111 |
| RGB Percent | 49%, 31%, 44% |
| CMY | 0.5098, 0.6902, 0.5647 |
| CMYK | 0.00, 0.37, 0.11, 0.51 |
| HSL | 318°, 23%, 40% |
| HSV | 318°, 37%, 49% |
| XYZ | 14.1227, 11.0996, 16.4370 |
| YIQ | 96.4020, 17.1440, 19.7040 |

Conversions

Conversions Part 2

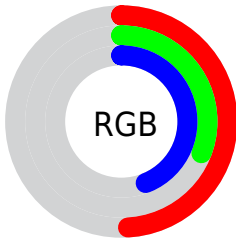
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 125, 79, 111 |
| Decimal | 8212335 |
| CIE Lab | 39.75, 24.54, -10.38 |
| CIE LCh | 40, 26.639, 337.078 |
| Yxy | 11.0996, 0.3390, 0.2664 |
| Android (android.graphics.Color) | 4286402415 (0xFF7D4F6F) |
| YUV | 96.4020, 7.1968, 25.0804 |
| Hunter-Lab | 33.3161, 17.3632, -5.9304 |

Details

The XYZ color **14.1227, 11.0996, 16.4370** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.5343, 17.1202, 13.0006**, and the grayscale version is **11.1963, 11.7794, 12.8277**.

A 20% lighter version of the original color is **32.8212, 27.8098, 38.2883**, and **4.3427, 2.9424, 5.0417** is the 20% darker color. If you saturate the color by 10%, you get **13.0995, 9.3811, 15.0843**, and if you desaturate by 10%, it is **15.3251, 13.1618, 17.8937**.

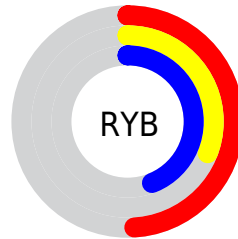
Distribution



Red (49%)

Green (31%)

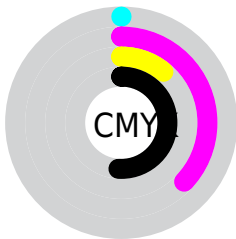
Blue (44%)



Red (49%)

Yellow (31%)

Blue (44%)

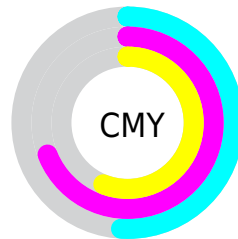


Cyan (0%)

Magenta (37%)

Yellow (11%)

Black (51%)



Cyan (51%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1227, 11.0996, 16.4370 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 14.1227, 11.0996, 16.4370 by changing the saturation by 10% instead.

■ 14.1227, 11.0996,
16.4370

■ 14.1227, 11.0996,
16.4370

211.4882,
198.3496, 243.8399

■ 8.2883, 6.1339,
9.6762

■ 32.8910, 27.8442,
38.1325

■ 4.3333, 2.9267,
5.0820

■ 46.5557, 40.3919,
53.9043

■ 1.8924, 1.0936,
2.2359

■ 63.5612, 56.2356,
73.5169

■ 0.5724, 0.0000,
0.6950

■ 84.2728, 75.7598,
97.3887

■ 0.0000, 0.0000,
0.0000

■ 109.0560, 99.3490,
125.9384

138.2760,

127.3874, 159.5845

172.2983,
160.2595, 198.7454

■ 14.1227, 11.0996,
16.4370

■ 14.1227, 11.0996,
16.4370

■ 13.0995, 9.3811,
15.0843

■ 15.3251, 13.1618,
17.8937

■ 12.2447, 7.9858,
13.8312

■ 16.7146, 15.5838,
19.4572

■ 11.5483, 6.8930,
12.6737

■ 18.2997, 18.3825,
21.1310

■ 10.9983, 6.0794,
11.6075

■ 20.0883, 21.5734,
22.9182

■ 10.5812, 5.5180,
10.6274

■ 22.0877, 25.1709,
24.8218

10.2696, 5.1544,
9.7236

24.3049, 29.1888,
26.8446

10.1760, 5.0474,
9.4450

26.7464, 33.6402,
28.9892

29.4188, 38.5378,
31.2584

32.3280, 43.8935,
33.6546

Harmonies

Analogous

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



12.8098, 11.0996, 22.0060



14.1227, 11.0996, 16.4370



14.4289, 11.0996, 10.8892

Triad

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



14.1227, 11.0996, 16.4370



10.1234, 11.0996, 4.6047



7.9908, 11.0996, 19.2127

Complementary

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



14.1227, 11.0996, 16.4370



12.5343, 17.1202, 13.0006

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.



7.4369, 11.0996, 13.3665



14.1227, 11.0996, 16.4370



8.5727, 11.0996, 5.7106

Square

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



14.1227, 11.0996, 16.4370



11.9763, 11.0996, 4.9919



7.6369, 11.0996, 8.5791



9.2414, 11.0996, 23.9044

Rectangle

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



14.1227, 11.0996, 16.4370



13.9925, 11.0996, 8.0642



7.6369, 11.0996, 8.5791



7.7240, 11.0996, 17.2611

Sweetspot

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



14.1230, 11.1001, 16.4372



31.4574, 30.5939, 36.4759



10.9921, 9.3899, 20.6355



7.0862, 6.8368, 8.2239



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.



14.1230, 11.1001, 16.4372



23.7533, 17.2904, 27.4191



13.0236, 10.6603, 10.6478



4.4442, 4.3908, 5.1434



10.6173, 5.2666, 9.8407



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1230, 11.1001, 16.4372



23.7533, 17.2904, 27.4191



13.6993, 17.5862, 19.1349



4.4442, 4.3908, 5.1434



10.6173, 5.2666, 9.8407



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1227, 11.0996, 16.4370 looks on a white background.

Color Contrast Check

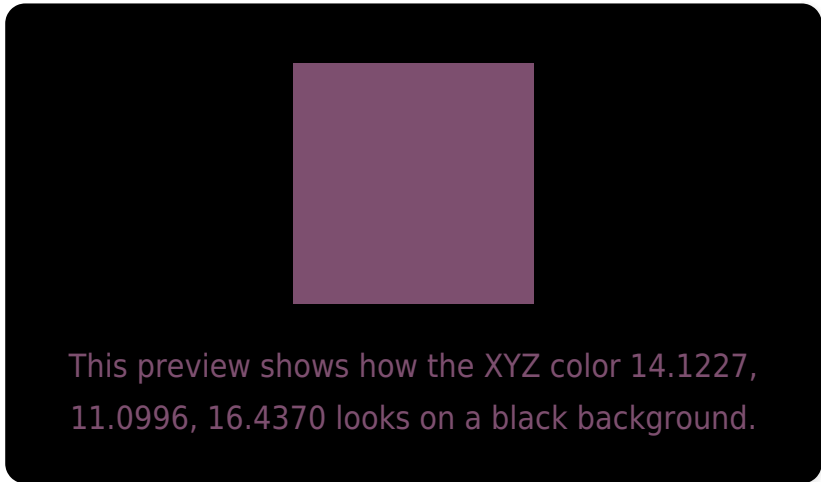
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1227, 11.0996, 16.4370

Background



This preview shows how black text looks on a background with the XYZ color 14.1227, 11.0996, 16.4370.



This preview shows how white text looks on a background with the XYZ color 14.1227, 11.0996,

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

14.1227, 11.0996, 16.4370

Protanopia

11.2960, 11.2354, 19.6624

Deuteranopia

11.4113, 11.2452, 16.0371



Tritanopia

12.9225, 11.0454, 10.9021

Trichromacy



Original Color

14.1227, 11.0996, 16.4370

Protanomaly

12.0674, 11.0305, 18.3227

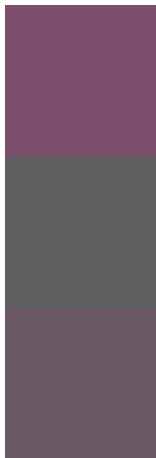
Deuteranomaly

12.2861, 11.0680, 16.2406

Tritanomaly

13.3433, 11.1086, 12.7502

Monochromacy



Original Color

14.1227, 11.0996, 16.4370

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.0685, 11.3777, 13.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1227, 11.0996, 16.4370 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(125, 79, 111)` looks like.

```
.text, #text, p{  
    color:rgb(125, 79, 111)  
}
```

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(125, 79, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 79, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.1227, 11.0996, 16.4370 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(125, 79, 111) }
```


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

```
.border{ border-color:rgb(125, 79, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 79, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 79, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 79, 111);  
box-shadow:4px 4px 4px 4px rgb(125, 79,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1227, 11.0996, 16.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 79, 111) }
```

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

```
.background{ background-color: rgb(125, 79,  
111) }
```

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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