

Converting Colors

XYZ(13.7445, 11.0396, 14.8128)

Have a look what the booklet for
XYZ(13.7445, 11.0396, 14.8128)
contains.

XYZ(13.7306, 11.0423, 14.7723)	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(13.7306, 11.0423,
14.7723)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5069
RGB	124, 80, 105
RGB Percent	49%, 31%, 41%
CMY	0.5137, 0.6863, 0.5882
CMYK	0.00, 0.35, 0.15, 0.51
HSL	326°, 22%, 40%
HSV	326°, 35%, 49%
XYZ	13.7306, 11.0423, 14.7723
YIQ	96.0060, 18.1990, 17.1030

Conversions

Conversions Part 2

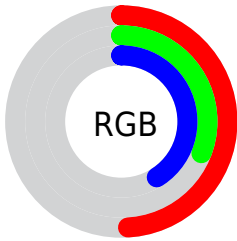
Format	Color
R_{YB}	124, 80, 105
Decimal	8147049
CIE _{Lab}	39.65, 22.48, -6.82
CIE _{LCh}	40, 23.487, 343.127
Yxy	11.0423, 0.3472, 0.2792
Android (android.graphics.Color)	4286337129 (0xFF7C5069)
YUV	96.0060, 4.4340, 24.5507
Hunter-Lab	33.2300, 15.6037, -3.0963

Details

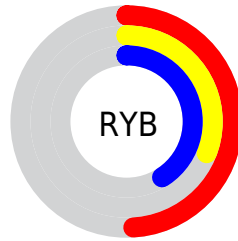
The XYZ color **13.7306, 11.0423, 14.7723** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.7685, 17.0219, 14.4176**, and the grayscale version is **11.1064, 11.6848, 12.7248**.

A 20% lighter version of the original color is **32.1148, 27.7127, 35.1089**, and **4.1598, 2.9054, 4.3445** is the 20% darker color. If you saturate the color by 10%, you get **12.6385, 9.2847, 13.0929**, and if you desaturate by 10%, it is **15.0082, 13.1430, 16.5993**.

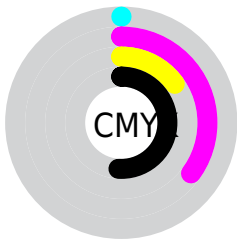
Distribution



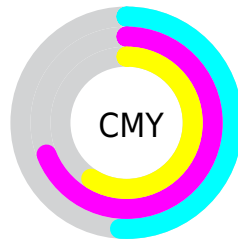
- Red (49%)
- Green (31%)
- Blue (41%)



- Red (49%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7306, 11.0423, 14.7723 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 13.7306, 11.0423, 14.7723 by changing the saturation by 10% instead.

■ 13.7306, 11.0423,
14.7723

■ 13.7306, 11.0423,
14.7723

209.0927,
197.9575, 233.5770

■ 8.0140, 6.0953,
8.5149

■ 32.2005, 27.7384,
35.1899

■ 4.1558, 2.9031,
4.3337

■ 45.6845, 40.2562,
50.1871

■ 1.7906, 1.0814,
1.8101

■ 62.4884, 56.0665,
68.9347

■ 0.5120, 0.0000,
0.4346

■ 82.9774, 75.5535,
91.8512

■ 0.0000, 0.0000,
0.0000

■ 107.5170, 99.1017,
119.3551

136.4725,

127.0955, 151.8650

170.2093,
159.9194, 189.7995

■ 13.7306, 11.0423,
14.7723

■ 13.7306, 11.0423,
14.7723

■ 12.6385, 9.2847,
13.0929

■ 15.0082, 13.1430,
16.5993

■ 11.7215, 7.8502,
11.5557

■ 16.4793, 15.6024,
18.5778

■ 10.9694, 6.7188,
10.1558

■ 18.1524, 18.4371,
20.7120

■ 10.3706, 5.8677,
8.8878

■ 20.0352, 21.6622,
23.0062

■ 9.9118, 5.2711,
7.7454

■ 22.1351, 25.2918,
25.4642

■ 9.5714, 4.8861,
6.7197

■ 24.4591, 29.3395,
28.0896

■ 9.4320, 4.7330,
6.2859

■ 27.0138, 33.8181,
30.8860

■ 29.8056, 38.7399,
33.8568

■ 32.8406, 44.1167,
37.0055

Harmonies

Analogous

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



12.7471, 11.0423, 19.6869



13.7306, 11.0423, 14.7723



13.7931, 11.0423, 10.1274

Triad

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



13.7306, 11.0423, 14.7723



9.8107, 11.0423, 5.3116



8.4023, 11.0423, 19.1253

Complementary

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



13.7306, 11.0423, 14.7723



12.7685, 17.0219, 14.4176

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.



7.7702, 11.0423, 14.1419



13.7306, 11.0423, 14.7723



8.5258, 11.0423, 6.6619

Square

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



13.7306, 11.0423, 14.7723



11.4159, 11.0423, 5.3987



7.8130, 11.0423, 9.6382



9.6257, 11.0423, 22.6059

Rectangle

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



13.7306, 11.0423, 14.7723



13.2947, 11.0423, 7.8148



7.8130, 11.0423, 9.6382



8.1195, 11.0423, 17.5225

Sweetspot

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



13.7309, 11.0428, 14.7725



30.1981, 29.4797, 34.2437



11.5802, 9.8084, 20.3517



7.0379, 6.8175, 7.9697



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.



13.7309, 11.0428, 14.7725



22.5020, 16.7546, 23.4564



12.7684, 10.6578, 9.7040



4.0848, 4.0496, 4.6441



9.5872, 4.8110, 6.3832



45.2988, 22.7759, 28.1673

Inverse Universe

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



13.7309, 11.0428, 14.7725



22.5020, 16.7546, 23.4564



13.9267, 17.4851, 20.5166



4.0848, 4.0496, 4.6441



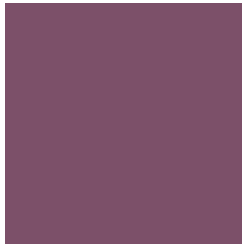
9.5872, 4.8110, 6.3832



45.2988, 22.7759, 28.1673

Previews

White Background



This preview shows how the XYZ color 13.7306, 11.0423, 14.7723 looks on a white background.

Color Contrast Check

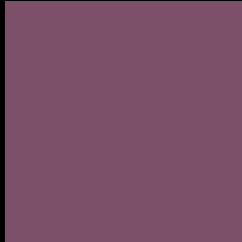
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7306, 11.0423, 14.7723 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 13.7306, 11.0423, 14.7723

Background



This preview shows how black text looks on a background with the XYZ color 13.7306, 11.0423, 14.7723.



This preview shows how white text looks on a background with the XYZ color 13.7306, 11.0423,

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

13.7306, 11.0423, 14.7723

Protanopia

11.0714, 11.1675, 17.4916

Deuteranopia

11.3349, 11.1141, 14.3798



Tritanopia

12.9225, 11.0454, 10.9021

Trichromacy



Original Color

13.7306, 11.0423, 14.7723

Protanomaly

11.8385, 10.9519, 16.5289

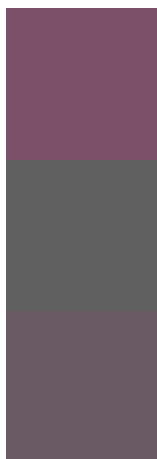
Deuteranomaly

12.0912, 11.0040, 14.5834

Tritanomaly

13.2512, 11.0718, 12.2651

Monochromacy



Original Color

13.7306, 11.0423, 14.7723

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.8522, 11.2774, 13.3565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7306, 11.0423, 14.7723 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(124, 80, 105)` looks like.

```
.text, #text, p{  
    color:rgb(124, 80, 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(124, 80, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 80, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.7306, 11.0423, 14.7723 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(124, 80, 105) }
```


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

```
.border{ border-color:rgb(124, 80, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 80, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 80, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 80, 105);  
box-shadow:4px 4px 4px 4px rgb(124, 80,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7306, 11.0423, 14.7723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 80, 105) }
```

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

```
.background{ background-color: rgb(124, 80,  
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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