

Converting Colors

XYZ(13.9814, 11.7795, 15.7696)

Have a look what the booklet for
XYZ(13.9814, 11.7795, 15.7696)
contains.

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Color

**XYZ(14.0606, 11.8759,
15.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	7A566C
RGB	122, 86, 108
RGB Percent	48%, 34%, 42%
CMY	0.5216, 0.6627, 0.5765
CMYK	0.00, 0.30, 0.11, 0.52
HSL	323°, 17%, 41%
HSV	323°, 30%, 48%
XYZ	14.0606, 11.8759, 15.7386
YIQ	99.2720, 14.3940, 14.4740

Conversions

Conversions Part 2

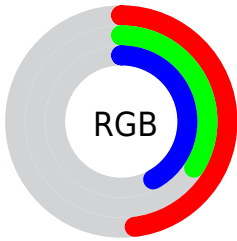
Format	Color
R_{YB}	122, 86, 108
Decimal	8017516
CIE _{Lab}	41.02, 18.67, -6.65
CIE _{LCh}	41, 19.821, 340.383
Yxy	11.8759, 0.3374, 0.2850
Android (android.graphics.Color)	4286207596 (0xFF7A566C)
YUV	99.2720, 4.3029, 19.9325
Hunter-Lab	34.4614, 12.5222, -2.9549

Details

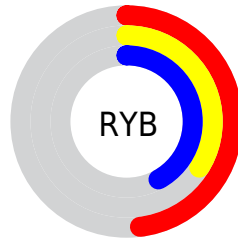
The XYZ color **14.0606, 11.8759, 15.7386** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0980, 16.8179, 14.6132**, and the grayscale version is **11.9156, 12.5361, 13.6518**.

A 20% lighter version of the original color is **32.7414, 29.2255, 36.7163**, and **4.3488, 3.2710, 4.8170** is the 20% darker color. If you saturate the color by 10%, you get **12.9228, 9.9934, 14.1472**, and if you desaturate by 10%, it is **15.3791, 14.0976, 17.4583**.

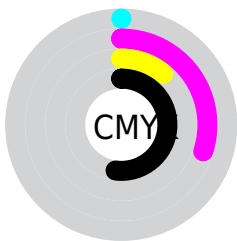
Distribution



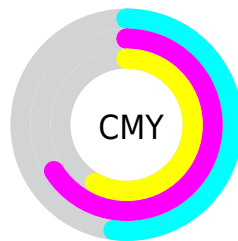
- Red (48%)
- Green (34%)
- Blue (42%)



- Red (48%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0606, 11.8759, 15.7386 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 14.0606, 11.8759, 15.7386 by changing the saturation by 10% instead.

■ 14.0606, 11.8759,
15.7386

■ 14.0606, 11.8759,
15.7386

211.1106,
203.5820, 239.5871

■ 8.2448, 6.6592,
9.1870

■ 32.7819, 29.2689,
36.9043

■ 4.3051, 3.2499,
4.7649

■ 46.4181, 42.2140,
52.3554

■ 1.8762, 1.2636,
2.0537

■ 63.3918, 58.5040,
71.6102

■ 0.5629, 0.1127,
0.5880

■ 84.0684, 78.5234,
95.0871

■ 0.0000, 0.0000,
0.0000

■ 108.8132,
102.6565, 123.2047

137.9916,

131.2877, 156.3816

171.9689,
164.8014, 195.0362

■ 14.0606, 11.8759,
15.7386

■ 14.0606, 11.8759,
15.7386

■ 12.9228, 9.9934,
14.1472

■ 15.3791, 14.0976,
17.4583

■ 11.9560, 8.4314,
12.6795

■ 16.8854, 16.6726,
19.3093

■ 11.1513, 7.1721,
11.3315

■ 18.5874, 19.6163,
21.2954

■ 10.4981, 6.1951,
10.0985

■ 20.4921, 22.9425,
23.4200

■ 9.9849, 5.4774,
8.9755

■ 22.6064, 26.6645,
25.6863

■ 9.5982, 4.9927,
7.9570

■ 24.9366, 30.7949,
28.0974

■ 9.2954, 4.6558,
7.0273

■ 27.4890, 35.3456,
30.6563

■ 9.2808, 4.6395,
6.9831

■ 30.2694, 40.3281,
33.3659

■ 33.2836, 45.7537,
36.2290

Harmonies

Analogous

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



13.1512, 11.8759, 19.8507



14.0606, 11.8759, 15.7386



14.1928, 11.8759, 11.5718

Triad

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



14.0606, 11.8759, 15.7386



10.8026, 11.8759, 6.6623



9.3325, 11.8759, 18.6891

Complementary

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



14.0606, 11.8759, 15.7386



13.0980, 16.8179, 14.6132

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.



8.8088, 11.8759, 14.3923



14.0606, 11.8759, 15.7386



9.6091, 11.8759, 7.8411

Square

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



14.0606, 11.8759, 15.7386



12.2297, 11.8759, 6.8740



8.9056, 11.8759, 10.4786



10.3954, 11.8759, 21.7862

Rectangle

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



14.0606, 11.8759, 15.7386



13.8114, 11.8759, 9.3646



8.9056, 11.8759, 10.4786



9.0918, 11.8759, 17.3039

Sweetspot

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



14.0610, 11.8764, 15.7388



29.7880, 29.4723, 34.0682



12.0746, 10.7593, 19.8528



6.7340, 6.6064, 7.6974



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.0610, 11.8764, 15.7388



23.4324, 18.7272, 25.8888



13.2083, 11.5354, 11.2486



4.0915, 4.0523, 4.6798



9.7671, 4.8830, 7.3302



46.1633, 23.1217, 32.7196

Inverse Universe

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



14.0610, 11.8764, 15.7388



23.4324, 18.7272, 25.8888



14.0558, 17.2010, 19.6568



4.0915, 4.0523, 4.6798



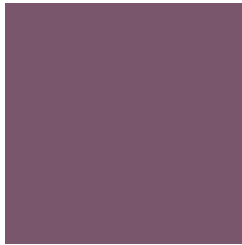
9.7671, 4.8830, 7.3302



46.1633, 23.1217, 32.7196

Previews

White Background



This preview shows how the XYZ color 14.0606, 11.8759, 15.7386 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 14.0606, 11.8759, 15.7386 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 14.0606, 11.8759, 15.7386

Background



This preview shows how black text looks on a background with the XYZ color 14.0606, 11.8759, 15.7386.



This preview shows how white text looks on a background with the XYZ color 14.0606, 11.8759,

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

14.0606, 11.8759, 15.7386

Protanopia

11.7916, 11.9307, 17.9010

Deuteranopia

12.0837, 11.8708, 15.2901



Tritanopia

13.3010, 11.7987, 12.4028

Trichromacy



Original Color

14.0606, 11.8759, 15.7386

Protanomaly

12.4607, 11.7672, 16.9438

Deuteranomaly

12.7016, 11.7949, 15.5171

Tritanomaly

13.5936, 11.8014, 13.6180

Monochromacy



Original Color

14.0606, 11.8759, 15.7386

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4644, 12.0905, 14.2471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0606, 11.8759, 15.7386 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(122, 86, 108)` looks like.

```
.text, #text, p{  
    color:rgb(122, 86, 108)  
}
```

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(122, 86, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 86, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.0606, 11.8759, 15.7386 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(122, 86, 108) }
```


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

```
.border{ border-color:rgb(122, 86, 108) }
```

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

Here you see how a box with a 4 pixel rgb(122, 86, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 86, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 86, 108);  
box-shadow:4px 4px 4px 4px rgb(122, 86,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0606, 11.8759, 15.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 86, 108) }
```

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

```
.background{ background-color: rgb(122, 86,  
108) }
```

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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