

Converting Colors

XYZ(14.4250, 11.2764, 16.9723)

Have a look what the booklet for
XYZ(14.4250, 11.2764, 16.9723)
contains.

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Color

**XYZ(14.3808, 11.2198,
17.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4F71
RGB	126, 79, 113
RGB Percent	49%, 31%, 44%
CMY	0.5059, 0.6902, 0.5569
CMYK	0.00, 0.37, 0.10, 0.51
HSL	317°, 23%, 40%
HSV	317°, 37%, 49%
XYZ	14.3808, 11.2198, 17.0305
YIQ	96.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

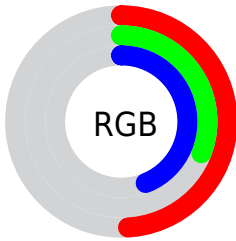
Format	Color
R_{YB}	126, 79, 113
Decimal	8277873
CIE _{Lab}	39.95, 25.27, -11.30
CIE _{LCh}	40, 27.684, 335.918
Yxy	11.2198, 0.3373, 0.2632
Android (android.graphics.Color)	4286467953 (0xFF7E4F71)
YUV	96.9290, 7.9230, 25.4953
Hunter-Lab	33.4960, 18.0173, -6.6979

Details

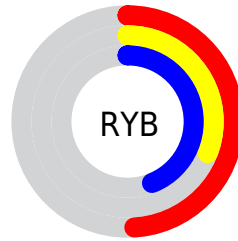
The XYZ color **14.3808, 11.2198, 17.0305** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.6175, 17.3570, 12.8111**, and the grayscale version is **11.3233, 11.9130, 12.9733**.

A 20% lighter version of the original color is **33.4642, 28.1204, 39.2613**, and **4.4785, 3.0059, 5.3452** is the 20% darker color. If you saturate the color by 10%, you get **13.3643, 9.4946, 15.7421**, and if you desaturate by 10%, it is **15.5779, 13.2936, 18.4165**.

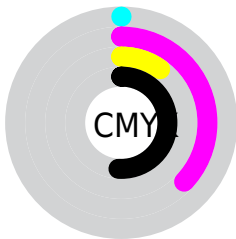
Distribution



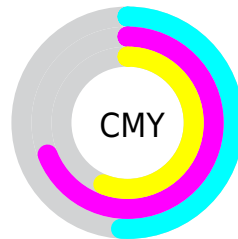
- Red (49%)
- Green (31%)
- Blue (44%)



- Red (49%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3808, 11.2198, 17.0305 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 14.3808, 11.2198, 17.0305 by changing the saturation by 10% instead.

■ 14.3808, 11.2198,
17.0305

■ 14.3808, 11.2198,
17.0305

213.0506,
199.1694, 247.3980

■ 8.4695, 6.2149,
10.0941

■ 33.3438, 28.0659,
39.1696

■ 4.4511, 2.9762,
5.3549

■ 47.1263, 40.6759,
55.2093

■ 1.9604, 1.1193,
2.3946

■ 64.2631, 56.5896,
75.1205

■ 0.6116, 0.0000,
0.7835

■ 85.1196, 76.1916,
99.3218

■ 0.0000, 0.0000,
0.0000

■ 110.0613, 99.8662,
128.2316

139.4535,

127.9977, 162.2685

173.6615,
160.9707, 201.8512

■ 14.3808, 11.2198,
17.0305

■ 14.3808, 11.2198,
17.0305

■ 13.3643, 9.4946,
15.7421

■ 15.5779, 13.2936,
18.4165

■ 12.5174, 8.0969,
14.5470

■ 16.9635, 15.7326,
19.9028

■ 11.8296, 7.0058,
13.4412

■ 18.5465, 18.5539,
21.4928

■ 11.2889, 6.1970,
12.4204

■ 20.3347, 21.7734,
23.1897

■ 10.8814, 5.6430,
11.4795

■ 22.3358, 25.4058,
24.9963

■ 10.5769, 5.2838,
10.6080

■ 24.5567, 29.4653,
26.9153

■ 10.4990, 5.1936,
10.3801

■ 27.0042, 33.9652,
28.9495

■ 29.6849, 38.9185,
31.1012

■ 32.6049, 44.3373,
33.3729

Harmonies

Analogous

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



12.9669, 11.2198, 22.8679



14.3808, 11.2198, 17.0305



14.7502, 11.2198, 11.1637

Triad

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



14.3808, 11.2198, 17.0305



10.2899, 11.2198, 4.4567



7.9577, 11.2198, 19.4840

Complementary

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



14.3808, 11.2198, 17.0305



12.6175, 17.3570, 12.8111

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.



7.4122, 11.2198, 13.3334



14.3808, 11.2198, 17.0305



8.6514, 11.2198, 5.5247

Square

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



14.3808, 11.2198, 17.0305



12.2340, 11.2198, 4.9100



7.6502, 11.2198, 8.4076



9.2346, 11.2198, 24.5551

Rectangle

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



14.3808, 11.2198, 17.0305



14.3202, 11.2198, 8.1716



7.6502, 11.2198, 8.4076



7.6902, 11.2198, 17.4147

Sweetspot

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



14.3811, 11.2203, 17.0307



31.5003, 30.6110, 36.7019



10.9295, 9.3502, 20.9676



7.0969, 6.8411, 8.2799



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.



14.3811, 11.2203, 17.0307



23.7305, 17.0593, 27.9833



13.2446, 10.7657, 11.0459



4.4490, 4.3928, 5.1689



10.7690, 5.3273, 10.6392



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.3811, 11.2203, 17.0307



23.7305, 17.0593, 27.9833



13.7821, 17.8229, 18.9438



4.4490, 4.3928, 5.1689



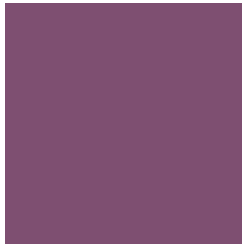
10.7690, 5.3273, 10.6392



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3808, 11.2198, 17.0305 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 14.3808, 11.2198, 17.0305 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 14.3808, 11.2198, 17.0305

Background



This preview shows how black text looks on a background with the XYZ color 14.3808, 11.2198, 17.0305.



This preview shows how white text looks on a background with the XYZ color 14.3808, 11.2198,

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

14.3808, 11.2198, 17.0305

Protanopia

11.4200, 11.2850, 20.3152

Deuteranopia

11.5203, 11.2888, 16.6107



Tritanopia

13.1071, 11.1357, 11.1314

Trichromacy



Original Color

14.3808, 11.2198, 17.0305

Protanomaly

12.1863, 11.0781, 18.9488

Deuteranomaly

12.3962, 11.1120, 16.8207

Tritanomaly

13.5341, 11.2015, 13.0041

Monochromacy



Original Color

14.3808, 11.2198, 17.0305

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.2887, 11.4797, 14.4001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3808, 11.2198, 17.0305 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(126, 79, 113)` looks like.

```
.text, #text, p{  
    color:rgb(126, 79, 113)  
}
```

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(126, 79, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 79, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.3808, 11.2198, 17.0305 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(126, 79, 113) }
```


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

```
.border{ border-color:rgb(126, 79, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 79, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 79, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 79, 113);  
box-shadow:4px 4px 4px 4px rgb(126, 79,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3808, 11.2198, 17.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 79, 113) }
```

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

```
.background{ background-color: rgb(126, 79,  
113) }
```

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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