

Converting Colors

XYZ(14.8360, 11.7336, 17.3212)

Have a look what the booklet for
XYZ(14.8360, 11.7336, 17.3212)
contains.

XYZ(14.9566, 11.8387, 17.4164)	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(14.9566, 11.8387,
17.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	805272
RGB	128, 82, 114
RGB Percent	50%, 32%, 45%
CMY	0.4980, 0.6784, 0.5529
CMYK	0.00, 0.36, 0.11, 0.50
HSL	318°, 22%, 41%
HSV	318°, 36%, 50%
XYZ	14.9566, 11.8387, 17.4164
YIQ	99.4020, 17.1440, 19.7040

Conversions

Conversions Part 2

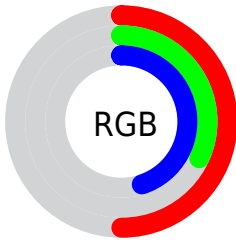
Format	Color
RYB	128, 82, 114
Decimal	8409714
CIELab	40.96, 24.43, -10.36
CIElCh	41, 26.536, 337.015
Yxy	11.8387, 0.3383, 0.2678
Android (android.graphics.Color)	4286599794 (0xFF805272)
YUV	99.4020, 7.1968, 25.0804
Hunter-Lab	34.4074, 17.3794, -5.9263

Details

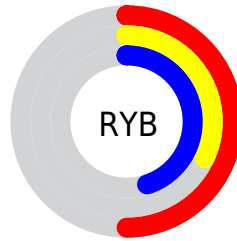
The XYZ color **14.9566, 11.8387, 17.4164** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.3106, 18.0770, 13.8547**, and the grayscale version is **11.9409, 12.5627, 13.6808**.

A 20% lighter version of the original color is **34.4256, 29.2008, 39.8983**, and **4.7561, 3.2748, 5.5357** is the 20% darker color. If you saturate the color by 10%, you get **13.8629, 9.9986, 15.9810**, and if you desaturate by 10%, it is **16.2405, 14.0438, 18.9620**.

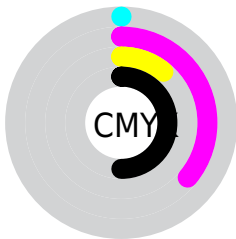
Distribution



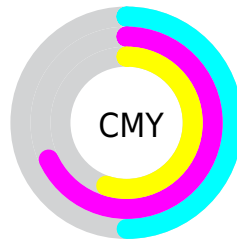
- Red (50%)
- Green (32%)
- Blue (45%)



- Red (50%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9566, 11.8387, 17.4164 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 14.9566, 11.8387, 17.4164 by changing the saturation by 10% instead.

■ 14.9566, 11.8387,
17.4164

■ 14.9566, 11.8387,
17.4164

216.4970,
203.3345, 249.6853

■ 8.8750, 6.6339,
10.3667

■ 34.3493, 29.2010,
39.8408

■ 4.7162, 3.2342,
5.5340

■ 48.3912, 42.1273,
56.0525

■ 2.1148, 1.2552,
2.4997

■ 65.8172, 58.3963,
76.1554

■ 0.6972, 0.1061,
0.8400

■ 86.9927, 78.3923,
100.5679

■ 0.0000, 0.0000,
0.0000

■ 112.2831,
102.4997, 129.7086

142.0537,

131.1029, 163.9961

176.6699,
164.5864, 203.8488

■ 14.9566, 11.8387,
17.4164

■ 14.9566, 11.8387,
17.4164

■ 13.8629, 9.9986,
15.9810

■ 16.2405, 14.0438,
18.9620

■ 12.9483, 8.5018,
14.6513

■ 17.7229, 16.6309,
20.6209

■ 12.2019, 7.3267,
13.4230

■ 19.4130, 19.6177,
22.3967

■ 11.6113, 6.4487,
12.2916

■ 21.3189, 23.0206,
24.2927

■ 11.1623, 5.8395,
11.2516

■ 23.4484, 26.8548,
26.3121

■ 10.8308, 5.4510,
10.2944

■ 25.8088, 31.1349,
28.4577

■ 10.7070, 5.3112,
9.9213

■ 28.4072, 35.8748,
30.7326

■ 31.2503, 41.0876,
33.1393

■ 34.3445, 46.7862,
35.6806

Harmonies

Analogous

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



13.5949, 11.8387, 23.1636



14.9566, 11.8387, 17.4164



15.2760, 11.8387, 11.6558

Triad

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



14.9566, 11.8387, 17.4164



10.8126, 11.8387, 5.0519



8.5832, 11.8387, 20.2600

Complementary

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



14.9566, 11.8387, 17.4164



13.3106, 18.0770, 13.8547

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.



8.0056, 11.8387, 14.2091



14.9566, 11.8387, 17.4164



9.1956, 11.8387, 6.2175

Square

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



14.9566, 11.8387, 17.4164



12.7381, 11.8387, 5.4651



8.2165, 11.8387, 9.2253



9.8869, 11.8387, 25.1016

Rectangle

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



14.9566, 11.8387, 17.4164



14.8259, 11.8387, 8.7027



8.2165, 11.8387, 9.2253



8.3048, 11.8387, 18.2431

Sweetspot

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



14.9570, 11.8392, 17.4166



32.5506, 31.6538, 37.7441



11.7170, 10.0697, 21.7482



7.5445, 7.2759, 8.7561



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.9570, 11.8392, 17.4166



24.7573, 18.1860, 28.6140



13.8168, 11.3832, 11.4124



4.4442, 4.3908, 5.1434



10.6174, 5.2667, 9.8409



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9570, 11.8392, 17.4166



24.7573, 18.1860, 28.6140



14.5170, 18.5595, 20.2073



4.4442, 4.3908, 5.1434



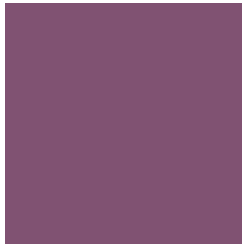
10.6174, 5.2667, 9.8409



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9566, 11.8387, 17.4164 looks on a white background.

Color Contrast Check

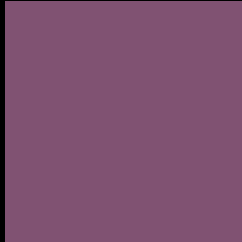
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9566, 11.8387, 17.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

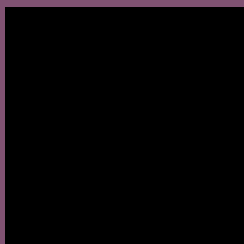
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9566, 11.8387, 17.4164

Background



This preview shows how black text looks on a background with the XYZ color 14.9566, 11.8387, 17.4164.



This preview shows how white text looks on a background with the XYZ color 14.9566, 11.8387,

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

14.9566, 11.8387, 17.4164

Protanopia

12.0374, 11.9946, 20.7495

Deuteranopia

12.1624, 12.0069, 17.0058



Tritanopia

13.7610, 11.8059, 11.9094

Trichromacy



Original Color

14.9566, 11.8387, 17.4164

Protanomaly

12.8402, 11.7813, 19.3666

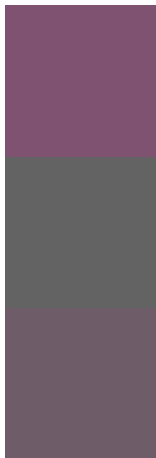
Deuteranomaly

13.0672, 11.8196, 17.2155

Tritanomaly

14.2016, 11.8722, 13.8550

Monochromacy



Original Color

14.9566, 11.8387, 17.4164

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8434, 12.1432, 14.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9566, 11.8387, 17.4164 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(128, 82, 114)` looks like.

```
.text, #text, p{  
    color:rgb(128, 82, 114)  
}
```

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(128, 82, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.9566, 11.8387, 17.4164 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(128, 82, 114) }
```


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

```
.border{ border-color:rgb(128, 82, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 82, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 114);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9566, 11.8387, 17.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 114) }
```

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

```
.background{ background-color: rgb(128, 82,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor