

Converting Colors

XYZ(14.1127, 11.0132, 17.4423)

Have a look what the booklet for
XYZ(14.1127, 11.0132, 17.4423)
contains.

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Color

**XYZ(14.0738, 10.9488,
17.2911)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4E72
RGB	124, 78, 114
RGB Percent	49%, 31%, 45%
CMY	0.5137, 0.6941, 0.5529
CMYK	0.00, 0.37, 0.08, 0.51
HSL	313°, 23%, 40%
HSV	313°, 37%, 49%
XYZ	14.0738, 10.9488, 17.2911
YIQ	95.8580, 15.8600, 20.9480

Conversions

Conversions Part 2

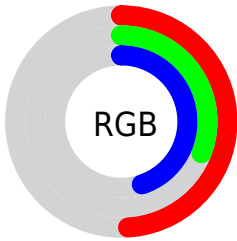
Format	Color
RYB	124, 78, 114
Decimal	8146546
CIELab	39.49, 25.32, -12.63
CIElCh	39, 28.296, 333.499
Yxy	10.9488, 0.3326, 0.2588
Android (android.graphics.Color)	4286336626 (0xFF7C4E72)
YUV	95.8580, 8.9440, 24.6805
Hunter-Lab	33.0890, 18.0161, -7.8205

Details

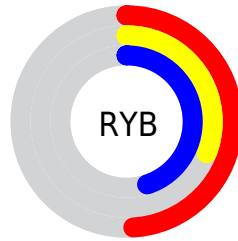
The XYZ color **14.0738, 10.9488, 17.2911** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.1115, 16.7399, 11.8260**, and the grayscale version is **11.0605, 11.6365, 12.6721**.

A 20% lighter version of the original color is **32.7336, 27.5386, 39.6666**, and **4.3239, 2.8822, 5.4827** is the 20% darker color. If you saturate the color by 10%, you get **13.1234, 9.2898, 16.2284**, and if you desaturate by 10%, it is **15.1956, 12.9429, 18.4335**.

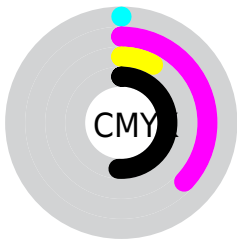
Distribution



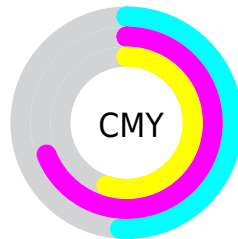
- Red (49%)
- Green (31%)
- Blue (45%)



- Red (49%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0738, 10.9488, 17.2911 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 14.0738, 10.9488, 17.2911 by changing the saturation by 10% instead.


 14.0738, 10.9488,
17.2911


 14.0738, 10.9488,
17.2911


211.1909,
197.3160, 248.9449


 8.2541, 6.0324,
10.2781


 32.8051, 27.5655,
39.6231


 4.3111, 2.8648,
5.4757


 46.4473, 40.0345,
55.7792

 1.8796, 1.0616,
2.4654

 63.4278, 55.7899,
75.8200

 0.5649, 0.0000,
0.8218

 84.1119, 75.2161,
100.1642

 0.0000, 0.0000,
0.0000

 108.8648, 98.6973,
129.2302

138.0521,

126.6182, 163.4366

172.0390,
159.3629, 203.2020

■ 14.0738, 10.9488,
17.2911

■ 14.0738, 10.9488,
17.2911

■ 13.1234, 9.2898,
16.2284

■ 15.1956, 12.9429,
18.4335

■ 12.3339, 7.9456,
15.2414

■ 16.4963, 15.2879,
19.6579

■ 11.6954, 6.8962,
14.3266

■ 17.9845, 18.0004,
20.9674

■ 11.1962, 6.1185,
13.4800

■ 19.6676, 21.0954,
22.3649

■ 10.8231, 5.5860,
12.6970

■ 21.5529, 24.5872,
23.8527

■ 10.5477, 5.2419,
11.9679

■ 23.6471, 28.4893,
25.4335

■ 10.4718, 5.1490,
11.7615

■ 25.9567, 32.8145,
27.1094

■ 28.4878, 37.5752,
28.8828

■ 31.2465, 42.7832,
30.7557

Harmonies

Analogous

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



12.5808, 10.9488, 23.0953



14.0738, 10.9488, 17.2911



14.5451, 10.9488, 11.2875

Triad

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



14.0738, 10.9488, 17.2911



10.1827, 10.9488, 4.1740



7.6206, 10.9488, 18.7636

Complementary

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



14.0738, 10.9488, 17.2911



12.1115, 16.7399, 11.8260

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.



7.1384, 10.9488, 12.5786



14.0738, 10.9488, 17.2911



8.4984, 10.9488, 5.0978

Square

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



14.0738, 10.9488, 17.2911



12.1429, 10.9488, 4.7401



7.4390, 10.9488, 7.7973



8.8440, 10.9488, 24.1130

Rectangle

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



14.0738, 10.9488, 17.2911



14.1740, 10.9488, 8.1818



7.4390, 10.9488, 7.7973



7.3738, 10.9488, 16.6555

Sweetspot

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



14.0741, 10.9493, 17.2913



30.5162, 29.6070, 35.9188



10.3844, 8.9777, 20.2544



7.1197, 6.8502, 8.4003



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.



14.0741, 10.9493, 17.2913



23.2523, 16.6213, 28.7438



12.9267, 10.4903, 11.2492



4.1190, 4.0633, 4.8241



10.6446, 5.2340, 11.9514



50.4511, 24.8368, 55.2990

Inverse Universe

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



14.0741, 10.9493, 17.2913



23.2523, 16.6213, 28.7438



13.2173, 17.1822, 17.6495



4.1190, 4.0633, 4.8241



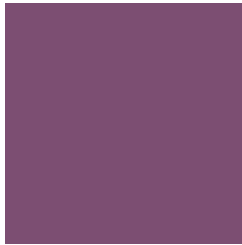
10.6446, 5.2340, 11.9514



50.4511, 24.8368, 55.2990

Previews

White Background



This preview shows how the XYZ color 14.0738, 10.9488, 17.2911 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 14.0738, 10.9488, 17.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

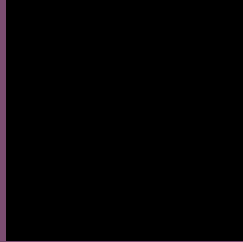
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0738, 10.9488, 17.2911

Background



This preview shows how black text looks on a background with the XYZ color 14.0738, 10.9488, 17.2911.



This preview shows how white text looks on a background with the XYZ color 14.0738, 10.9488,

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

14.0738, 10.9488, 17.2911

Protanopia

11.2115, 11.0408, 20.6090

Deuteranopia

11.2818, 11.0317, 16.8640



Tritanopia

12.7816, 10.9727, 10.8955

Trichromacy



Original Color

14.0738, 10.9488, 17.2911

Protanomaly

11.9439, 10.8251, 19.2292

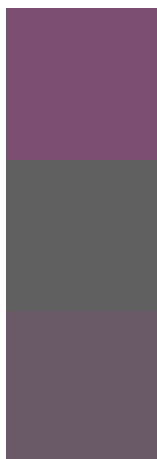
Deuteranomaly

12.1341, 10.8511, 17.0777

Tritanomaly

13.1731, 10.9043, 12.9657

Monochromacy



Original Color

14.0738, 10.9488, 17.2911

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9644, 11.1882, 14.3609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0738, 10.9488, 17.2911 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, 78, 114)` looks like.

```
.text, #text, p{  
    color:rgb(124, 78, 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(124, 78, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 78, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.0738, 10.9488, 17.2911 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, 78, 114) }
```


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

```
.border{ border-color:rgb(124, 78, 114) }
```

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

Here you see how a box with a 4 pixel rgb(124, 78, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 78, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 78, 114);  
box-shadow:4px 4px 4px 4px rgb(124, 78,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0738, 10.9488, 17.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 78, 114) }
```

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

```
.background{ background-color: rgb(124, 78,  
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](#).

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