

Converting Colors

XYZ(14.6585, 11.9192, 21.7116)

Have a look what the booklet for
XYZ(14.6585, 11.9192, 21.7116)
contains.

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Color

**XYZ(14.6870, 11.9512,
21.6114)**

Conversions

Conversions Part 1

Format	Color
Hex	77557F
RGB	119, 85, 127
RGB Percent	47%, 33%, 50%
CMY	0.5333, 0.6667, 0.5020
CMYK	0.06, 0.33, 0.00, 0.50
HSL	289°, 20%, 42%
HSV	289°, 33%, 50%
XYZ	14.6870, 11.9512, 21.6114
YIQ	99.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

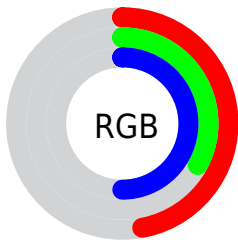
Format	Color
R _Y B	119, 85, 127
Decimal	7820671
CIE Lab	41.14, 22.02, -18.15
CIE LCh	41, 28.538, 320.507
Yxy	11.9512, 0.3044, 0.2477
Android (android.graphics.Color)	4286010751 (0xFF77557F)
YUV	99.9540, 13.3337, 16.7033
Hunter-Lab	34.5705, 15.3359, -12.8652

Details

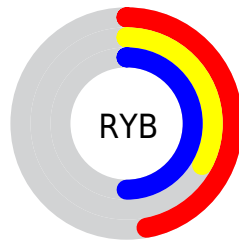
The XYZ color **14.6870, 11.9512, 21.6114** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.7436, 18.1621, 11.3761**, and the grayscale version is **12.0676, 12.6960, 13.8260**.

A 20% lighter version of the original color is **33.9154, 29.3939, 47.0661**, and **4.6265, 3.3032, 7.6015** is the 20% darker color. If you saturate the color by 10%, you get **13.4478, 9.9593, 21.2924**, and if you desaturate by 10%, it is **16.1149, 14.3075, 21.9911**.

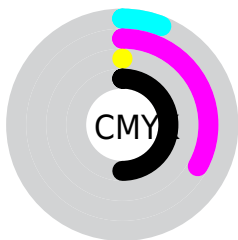
Distribution



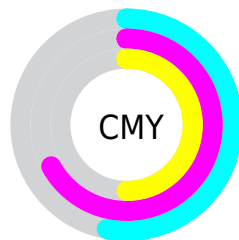
- Red (47%)
- Green (33%)
- Blue (50%)



- Red (47%)
- Yellow (33%)
- Blue (50%)



- Cyan (6%)
- Magenta (33%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6870, 11.9512, 21.6114 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 14.6870, 11.9512, 21.6114 by changing the saturation by 10% instead.

■ 14.6870, 11.9512,
21.6114

■ 14.6870, 11.9512,
21.6114

214.8900,
204.0820, 273.3971

■ 8.6849, 6.7105,
13.3761

■ 33.8793, 29.4062,
46.9968

■ 4.5917, 3.2817,
7.5542

■ 47.8003, 42.3892,
64.9840

■ 2.0420, 1.2805,
3.7274

■ 65.0915, 58.7218,
87.0588

■ 0.6574, 0.1260,
1.4770

■ 86.1184, 78.7884,
113.6398

■ 0.0000, 0.0000,
0.2007

■ 111.2464,
102.9733, 145.1457

■ 0.0000, 0.0000,
0.0000

140.8407,

131.6609, 181.9948

175.2668,
165.2357, 224.6058

■ 14.6870, 11.9512,
21.6114

■ 14.6870, 11.9512,
21.6114

■ 13.4478, 9.9593,
21.2924

■ 16.1149, 14.3075,
21.9911

■ 12.3866, 8.3109,
21.0302

■ 17.7392, 17.0443,
22.4338

■ 11.4930, 6.9855,
20.8215

■ 19.5688, 20.1790,
22.9424


■ 10.7554, 5.9598,
20.6623


■ 21.6115, 23.7270,
23.5196


■ 10.1604, 5.2073,
20.5484


■ 23.8747, 27.7031,
24.1678


 9.6920, 4.6957,
20.4744

 26.3655, 32.1215,
24.8893

 9.4026, 4.4047,
20.4335

 29.0907, 36.9956,
25.6865

 32.0567, 42.3381,
26.5614

 35.2698, 48.1615,
27.5160

Harmonies

Analogous

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



12.7994, 11.9512, 26.7386



14.6870, 11.9512, 21.6114



15.7159, 11.9512, 14.9686

Triad

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



14.6870, 11.9512, 21.6114



12.0231, 11.9512, 4.7423



8.0477, 11.9512, 17.3900

Complementary

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



14.6870, 11.9512, 21.6114



13.7436, 18.1621, 11.3761

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.



7.8928, 11.9512, 11.2353



14.6870, 11.9512, 21.6114



10.0314, 11.9512, 5.0348

Square

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



14.6870, 11.9512, 21.6114



14.0602, 11.9512, 6.0915



8.5765, 11.9512, 7.0643



9.0285, 11.9512, 23.8358

Rectangle

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



14.6870, 11.9512, 21.6114



15.7008, 11.9512, 11.0577



8.5765, 11.9512, 7.0643



7.9023, 11.9512, 15.1858

Sweetspot

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



14.6874, 11.9517, 21.6117



32.6562, 32.0379, 40.4190



11.5271, 11.3632, 21.6646



7.5578, 7.3510, 9.4389



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.



14.6874, 11.9517, 21.6117



24.5245, 18.5374, 38.2418



15.0613, 12.2335, 17.6070



4.4204, 4.3723, 5.4242



9.4816, 4.4417, 20.6075



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9770, 11.7998, 11.8973



23.1071, 18.2608, 17.6589



13.5218, 17.9846, 14.2157



4.3587, 4.3566, 4.6932



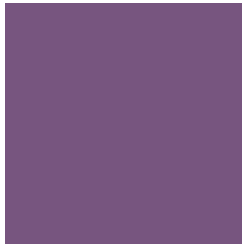
8.9949, 4.6177, 1.2970



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6870, 11.9512, 21.6114 looks on a white background.

Color Contrast Check

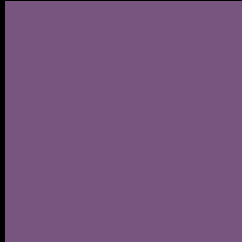
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6870, 11.9512, 21.6114 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 14.6870, 11.9512, 21.6114

Background



This preview shows how black text looks on a background with the XYZ color 14.6870, 11.9512, 21.6114.



This preview shows how white text looks on a background with the XYZ color 14.6870, 11.9512,

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

14.6870, 11.9512, 21.6114

Protanopia

12.3024, 12.0463, 24.5984

Deuteranopia

12.2982, 12.1217, 21.0936



Tritanopia

13.0159, 12.0089, 13.1872

Trichromacy



Original Color

14.6870, 11.9512, 21.6114

Protanomaly

12.9218, 11.8616, 23.4383

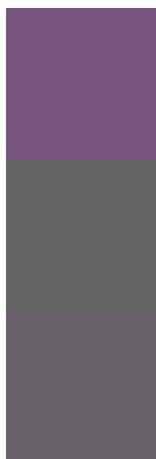
Deuteranomaly

13.0725, 11.9854, 21.3631

Tritanomaly

13.5352, 11.9619, 16.0635

Monochromacy



Original Color

14.6870, 11.9512, 21.6114

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.9701, 12.4360, 16.4686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6870, 11.9512, 21.6114 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(119, 85, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 85, 127)  
}
```

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(119, 85, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 85, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.6870, 11.9512, 21.6114 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(119, 85, 127) }
```


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

```
.border{ border-color:rgb(119, 85, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 85, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 85, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 85, 127); box-shadow:4px 4px 4px 4px rgb(119, 85, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6870, 11.9512, 21.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 85, 127) }
```

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

```
.background{ background-color: rgb(119, 85,  
127) }
```

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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