

Converting Colors

XYZ(14.5810, 11.8970, 14.0065)

Have a look what the booklet for
XYZ(14.5810, 11.8970, 14.0065)
contains.

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Color

**XYZ(14.6219, 11.9671,
14.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	815466
RGB	129, 84, 102
RGB Percent	51%, 33%, 40%
CMY	0.4941, 0.6706, 0.6000
CMYK	0.00, 0.35, 0.21, 0.49
HSL	336°, 21%, 42%
HSV	336°, 35%, 51%
XYZ	14.6219, 11.9671, 14.1096
YIQ	99.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

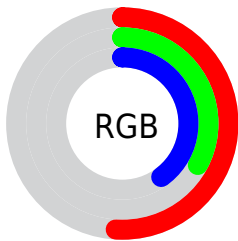
Format	Color
R _Y B	129, 84, 102
Decimal	8475750
CIE Lab	41.16, 21.52, -2.65
CIE LCh	41, 21.679, 352.979
Yxy	11.9671, 0.3593, 0.2940
Android (android.graphics.Color)	4286665830 (0xFF815466)
YUV	99.5070, 1.2290, 25.8654
Hunter-Lab	34.5935, 14.9094, 0.0329

Details

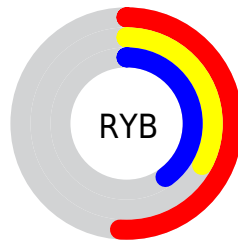
The XYZ color **14.6219, 11.9671, 14.1096** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3762, 18.7334, 17.8981**, and the grayscale version is **11.9814, 12.6053, 13.7272**.

A 20% lighter version of the original color is **33.8033, 29.4174, 34.0335**, and **4.5246, 3.2818, 4.0094** is the 20% darker color. If you saturate the color by 10%, you get **13.3452, 9.9996, 11.8777**, and if you desaturate by 10%, it is **16.1195, 14.3189, 16.5923**.

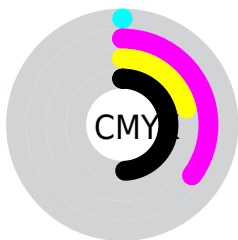
Distribution



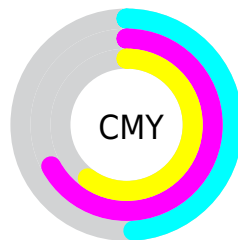
- Red (51%)
- Green (33%)
- Blue (40%)



- Red (51%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6219, 11.9671, 14.1096 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 14.6219, 11.9671, 14.1096 by changing the saturation by 10% instead.

■ 14.6219, 11.9671,
14.1096

■ 14.6219, 11.9671,
14.1096

214.5002,
204.1874, 229.3637

■ 8.6390, 6.7213,
8.0573

■ 33.7656, 29.4352,
34.0033

■ 4.5617, 3.2884,
4.0433

■ 47.6572, 42.4262,
48.6818

■ 2.0246, 1.2841,
1.6492

■ 64.9158, 58.7678,
67.0727

■ 0.6477, 0.1288,
0.3255

■ 85.9066, 78.8443,
89.5947

■ 0.0000, 0.0000,
0.0000

■ 110.9951,
103.0401, 116.6663

140.5466,

131.7396, 148.7059

174.9266,
165.3272, 186.1322

■ 14.6219, 11.9671,
14.1096

■ 14.6219, 11.9671,
14.1096

■ 13.3452, 9.9996,
11.8777

■ 16.1195, 14.3189,
16.5923

■ 12.2774, 8.3941,
9.8874

■ 17.8474, 17.0724,
19.3331

■ 11.4066, 7.1285,
8.1298

■ 19.8155, 20.2460,
22.3400

■ 10.7194, 6.1775,
6.5951

■ 22.0328, 23.8565,
25.6203

■ 10.2004, 5.5124,
5.2728

■ 24.5081, 27.9196,
29.1810

■ 9.8281, 5.0917,
4.1497

■ 27.2494, 32.4504,
33.0288

■ 9.6641, 4.9115,
3.6399

■ 30.2645, 37.4633,
37.1703

■ 33.5610, 42.9720,
41.6119

■ 37.1460, 48.9896,
46.3595

Harmonies

Analogous

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



13.9438, 11.9671, 18.9231



14.6219, 11.9671, 14.1096



14.3683, 11.9671, 9.9534

Triad

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



14.6219, 11.9671, 14.1096



10.2421, 11.9671, 6.6090



9.6608, 11.9671, 21.1713

Complementary

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



14.6219, 11.9671, 14.1096



14.3762, 18.7334, 17.8981

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.



8.8282, 11.9671, 16.6834



14.6219, 11.9671, 14.1096



9.1418, 11.9671, 8.5085

Square

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



14.6219, 11.9671, 14.1096



11.7453, 11.9671, 6.2238



8.6472, 11.9671, 12.0072



11.0113, 11.9671, 23.5625

Rectangle

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



14.6219, 11.9671, 14.1096



13.7152, 11.9671, 8.0035



8.6472, 11.9671, 12.0072



9.3163, 11.9671, 19.8148

Sweetspot

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



14.6222, 11.9677, 14.1098



33.5437, 33.1182, 37.0632



13.6888, 11.3058, 22.2299



7.5003, 7.3476, 8.2477



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.



14.6222, 11.9677, 14.1098



24.3026, 18.5245, 21.9948



14.1849, 12.3696, 10.0281



4.3935, 4.3705, 4.8766



9.4245, 4.7895, 3.5592



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6222, 11.9677, 14.1098



24.3026, 18.5245, 21.9948



14.8895, 18.0111, 23.4608



4.3935, 4.3705, 4.8766



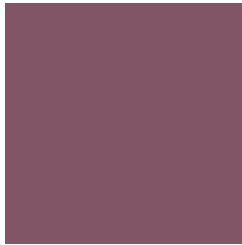
9.4245, 4.7895, 3.5592



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6219, 11.9671, 14.1096 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 14.6219, 11.9671, 14.1096 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 14.6219, 11.9671, 14.1096

Background



This preview shows how black text looks on a background with the XYZ color 14.6219, 11.9671, 14.1096.



This preview shows how white text looks on a background with the XYZ color 14.6219, 11.9671,

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

14.6219, 11.9671, 14.1096

Protanopia

11.8085, 12.1081, 16.4666

Deuteranopia

12.2468, 11.9897, 13.7254



Tritanopia

14.1616, 12.0175, 11.6984

Trichromacy



Original Color

14.6219, 11.9671, 14.1096

Protanomaly

12.5444, 11.8416, 15.5344

Deuteranomaly

12.9446, 11.8293, 13.9130

Tritanomaly

14.2619, 11.9307, 12.6175

Monochromacy



Original Color

14.6219, 11.9671, 14.1096

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.9072, 12.3245, 14.0105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6219, 11.9671, 14.1096 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(129, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(129, 84, 102)  
}
```

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(129, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 84, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.6219, 11.9671, 14.1096 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(129, 84, 102) }
```


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

```
.border{ border-color:rgb(129, 84, 102) }
```

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

Here you see how a box with a 4 pixel rgb(129, 84, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(129, 84,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6219, 11.9671, 14.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 84, 102) }
```

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

```
.background{ background-color: rgb(129, 84,  
102) }
```

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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