

Converting Colors

XYZ(14.4587, 17.0781, 12.8754)

Have a look what the booklet for
XYZ(14.4587, 17.0781, 12.8754)
contains.

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Color

**XYZ(14.3983, 16.9872,
12.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	69775D
RGB	105, 119, 93
RGB Percent	41%, 47%, 36%
CMY	0.5882, 0.5333, 0.6353
CMYK	0.12, 0.00, 0.22, 0.53
HSL	92°, 12%, 42%
HSV	92°, 22%, 47%
XYZ	14.3983, 16.9872, 12.8759
YIQ	111.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

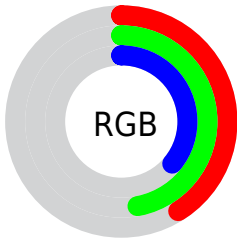
Format	Color
R_{YB}	93, 119, 107
Decimal	6911837
CIE Lab	48.24, -10.37, 12.60
CIE LCh	48, 16.319, 129.472
Yxy	16.9872, 0.3253, 0.3838
Android (android.graphics.Color)	4285101917 (0xFF69775D)
YUV	111.8500, -9.2930, -6.0074
Hunter-Lab	41.2155, -9.7697, 10.3284

Details

The XYZ color **14.3983, 16.9872, 12.8759** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3082, 12.2869, 19.1238**, and the grayscale version is **15.3839, 16.1850, 17.6255**.

A 20% lighter version of the original color is **33.2311, 38.1769, 31.6040**, and **4.5113, 5.6113, 3.5346** is the 20% darker color. If you saturate the color by 10%, you get **13.1873, 16.4196, 10.2787**, and if you desaturate by 10%, it is **15.7490, 17.6183, 15.9086**.

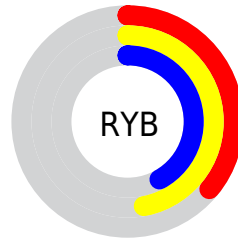
Distribution



Red (41%)

Green (47%)

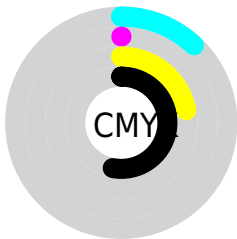
Blue (36%)



Red (36%)

Yellow (47%)

Blue (42%)

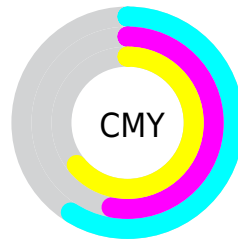


Cyan (12%)

Magenta (0%)

Yellow (22%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3983, 16.9872, 12.8759 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 14.3983, 16.9872, 12.8759 by changing the saturation by 10% instead.

■ 14.3983, 16.9872,
12.8759

■ 14.3983, 16.9872,
12.8759

213.1562,
235.0986, 221.3006

■ 8.4818, 10.2254,
7.2134

■ 33.3745, 38.3038,
31.7686

■ 4.4591, 5.5486,
3.5155

■ 47.1649, 53.6273,
45.8358

■ 1.9650, 2.5726,
1.3635

■ 64.3105, 72.5735,
63.5418

■ 0.6142, 0.9129,
0.1130

■ 85.1769, 95.5268,
85.3049

■ 0.0000, 0.0000,
0.0000

110.1293,
122.8715, 111.5439

139.5331,

154.9922, 142.6771

173.7536,
192.2731, 179.1232

■ 14.3983, 16.9872,
12.8759

■ 14.3983, 16.9872,
12.8759

■ 13.1873, 16.4196,
10.2787

■ 15.7490, 17.6183,
15.9086

■ 12.1096, 15.9113,
8.0958

■ 17.2428, 18.3128,
19.3944

■ 11.1603, 15.4605,
6.3062

■ 18.8847, 19.0733,
23.3513

■ 10.3336, 15.0649,
4.8864

■ 20.6788, 19.9017,
27.7959

■ 9.6232, 14.7218,
3.8102

■ 22.6294, 20.7998,
32.7440

■ 9.0221, 14.4282,
3.0483

■ 24.7404, 21.7692,
38.2109

■ 8.5223, 14.1806,
2.5665

■ 27.0155, 22.8116,
44.2109

■ 8.1682, 14.0042,
2.2726

■ 29.4584, 23.9286,
50.7580

■ 32.0727, 25.1217,
57.8656

Harmonies

Analogous

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



15.6806, 16.9872, 11.5474



14.3983, 16.9872, 12.8759



13.6173, 16.9872, 15.7749

Triad

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



14.3983, 16.9872, 12.8759



15.1654, 16.9872, 27.2573



19.1283, 16.9872, 17.1832

Complementary

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



14.3983, 16.9872, 12.8759



13.3082, 12.2869, 19.1238

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.



18.9694, 16.9872, 21.5136



14.3983, 16.9872, 12.8759



16.6202, 16.9872, 27.7887

Square

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



14.3983, 16.9872, 12.8759



14.0410, 16.9872, 24.1952



18.0293, 16.9872, 25.5519



18.4511, 16.9872, 13.7707

Rectangle

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



14.3983, 16.9872, 12.8759



13.4563, 16.9872, 18.4209



18.0293, 16.9872, 25.5519



19.1718, 16.9872, 18.5716

Sweetspot

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



14.3987, 16.9879, 12.8763



29.4179, 32.1144, 31.2996



14.8280, 15.2005, 12.5086



6.9454, 7.5986, 7.3564



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.3987, 16.9879, 12.8763



24.7088, 29.9160, 20.7240



13.1259, 16.3273, 13.0183



3.7863, 4.1733, 3.9483



8.6669, 14.8723, 2.4139



41.2677, 71.9761, 11.7177

Inverse Universe

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



13.3082, 12.2869, 19.1238



22.4035, 19.9797, 33.9287



14.8007, 13.0623, 18.9232



3.6714, 3.6779, 4.6066



5.7787, 2.5703, 18.7341



27.1629, 12.0115, 91.2471

Previews

White Background



This preview shows how the XYZ color 14.3983, 16.9872, 12.8759 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 14.3983, 16.9872, 12.8759 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 14.3983, 16.9872, 12.8759

Background



This preview shows how black text looks on a background with the XYZ color 14.3983, 16.9872, 12.8759.



This preview shows how white text looks on a background with the XYZ color 14.3983, 16.9872,

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

14.3983, 16.9872, 12.8759

Protanopia

15.9317, 16.9275, 12.3252

Deuteranopia

17.1572, 16.8836, 13.1811



Tritanopia

16.1992, 17.0317, 21.5024

Trichromacy



Original Color

14.3983, 16.9872, 12.8759

Protanomaly

15.3796, 16.9765, 12.5914

Deuteranomaly

15.9515, 16.7560, 12.9832

Tritanomaly

15.4104, 16.8712, 18.0670

Monochromacy



Original Color

14.3983, 16.9872, 12.8759

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9872, 16.5326, 15.7658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3983, 16.9872, 12.8759 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(105, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 93)  
}
```

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(105, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.3983, 16.9872, 12.8759 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(105, 119, 93) }
```


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

```
.border{ border-color:rgb(105, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(105, 119,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3983, 16.9872, 12.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 93) }
```

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

```
.background{ background-color: rgb(105,  
119, 93) }
```

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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