

Converting Colors

XYZ(14.9862, 16.0663, 14.1134)

Have a look what the booklet for
XYZ(14.9862, 16.0663, 14.1134)
contains.

XYZ(14.9857, 16.0666, 14.1157)	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(14.9857, 16.0666,
14.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	727063
RGB	114, 112, 99
RGB Percent	45%, 44%, 39%
CMY	0.5529, 0.5608, 0.6118
CMYK	0.00, 0.02, 0.13, 0.55
HSL	52°, 7%, 42%
HSV	52°, 13%, 45%
XYZ	14.9857, 16.0666, 14.1157
YIQ	111.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

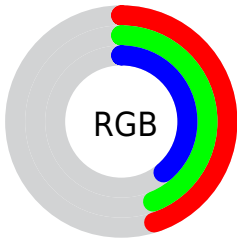
Format	Color
R_{YB}	101, 114, 99
Decimal	7499875
CIE _{Lab}	47.06, -1.70, 7.50
CIE _{LCh}	47, 7.695, 102.781
Yxy	16.0666, 0.3318, 0.3557
Android (android.graphics.Color)	4285689955 (0xFF727063)
YUV	111.1160, -5.9732, 2.5293
Hunter-Lab	40.0832, -3.4106, 7.1786

Details

The XYZ color **14.9857, 16.0666, 14.1157** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8364, 13.1746, 17.7860**, and the grayscale version is **15.1592, 15.9486, 17.3680**.

A 20% lighter version of the original color is **34.5064, 36.8599, 34.1502**, and **4.7000, 5.0730, 3.9803** is the 20% darker color. If you saturate the color by 10%, you get **14.3128, 15.5323, 11.3897**, and if you desaturate by 10%, it is **15.7392, 16.6388, 17.2486**.

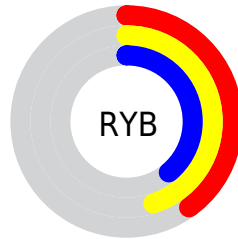
Distribution



 Red (45%)

 Green (44%)

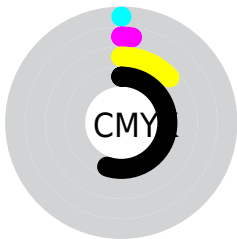
 Blue (39%)



 Red (40%)

 Yellow (45%)

 Blue (39%)

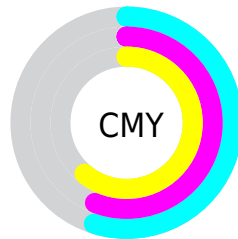



 Cyan (0%)

 Magenta (2%)

 Yellow (13%)

 Black (55%)



 Cyan (55%)

 Magenta (56%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9857, 16.0666, 14.1157 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 14.9857, 16.0666, 14.1157 by changing the saturation by 10% instead.

■ 14.9857, 16.0666,
14.1157

■ 14.9857, 16.0666,
14.1157

216.6697,
229.7344, 229.4028

■ 8.8956, 9.5713,
8.0615

■ 34.4000, 36.7138,
34.0143

■ 4.7297, 5.1157,
4.0460

■ 48.4548, 51.6345,
48.6957

■ 2.1227, 2.3153,
1.6506

■ 65.8953, 70.1324,
67.0900

■ 0.7015, 0.7818,
0.3266

■ 87.0868, 92.5919,
89.6156

■ 0.0000, 0.0000,
0.0000

112.3946,
119.3975, 116.6912

142.1842,

150.9335, 148.7352

176.8207,
187.5843, 186.1663

■ 14.9857, 16.0666,
14.1157

■ 14.9857, 16.0666,
14.1157

■ 14.3128, 15.5323,
11.3897

■ 15.7392, 16.6388,
17.2486

■ 13.7161, 15.0323,
9.0528

■ 16.5751, 17.2479,
20.8033

■ 13.1925, 14.5661,
7.0871

■ 17.4967, 17.8959,
24.7952

■ 12.7383, 14.1321,
5.4731

■ 18.5068, 18.5839,
29.2386

■ 12.3494, 13.7287,
4.1896

■ 19.6078, 19.3129,
34.1472

■ 12.0214, 13.3540,
3.2129

■ 20.8024, 20.0839,
39.5340

■ 11.7492, 13.0061,
2.5163

■ 22.0929, 20.8979,
45.4116

■ 11.5260, 12.6820,
2.0644

■ 23.4817, 21.7559,
51.7921

■ 11.3844, 12.4673,
1.8064

■ 24.9709, 22.6587,
58.6872

Harmonies

Analogous

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



15.6580, 16.0666, 14.1803



14.9857, 16.0666, 14.1157



14.4068, 16.0666, 14.9067

Triad

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



14.9857, 16.0666, 14.1157



14.3385, 16.0666, 20.1398



16.5435, 16.0666, 18.6166

Complementary

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



14.9857, 16.0666, 14.1157



12.8364, 13.1746, 17.7860

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.



16.1688, 16.0666, 20.3641



14.9857, 16.0666, 14.1157



14.8901, 16.0666, 21.2870

Square

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



14.9857, 16.0666, 14.1157



14.0406, 16.0666, 18.3284



15.5595, 16.0666, 21.3719



16.5709, 16.0666, 16.6849

Rectangle

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



14.9857, 16.0666, 14.1157



14.1463, 16.0666, 15.8492



15.5595, 16.0666, 21.3719



16.4534, 16.0666, 19.2483

Sweetspot

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



14.9861, 16.0673, 14.1160



27.5271, 29.1415, 29.7589



13.7504, 13.4409, 14.1817



6.3464, 6.7247, 6.7997



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.9861, 16.0673, 14.1160



25.9348, 27.9220, 23.1697



14.5149, 16.1551, 14.1578



3.6059, 3.8442, 3.6253



12.6644, 13.8613, 2.0080



62.6334, 68.1420, 9.8516

Inverse Universe

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



12.8364, 13.1746, 17.7860



21.3231, 21.7165, 31.0433



13.2664, 13.1119, 17.7513



3.2501, 3.3655, 4.2325



3.5657, 1.7218, 17.8660



17.3846, 7.8211, 88.8725

Previews

White Background



This preview shows how the XYZ color 14.9857, 16.0666, 14.1157 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 14.9857, 16.0666, 14.1157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

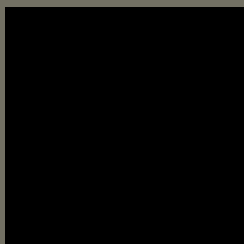
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9857, 16.0666, 14.1157

Background



This preview shows how black text looks on a background with the XYZ color 14.9857, 16.0666, 14.1157.

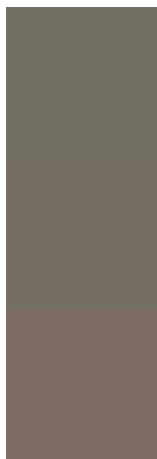


This preview shows how white text looks on a background with the XYZ color 14.9857, 16.0666,

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

14.9857, 16.0666, 14.1157

Protanopia

15.2727, 16.0516, 14.0977

Deuteranopia

16.4152, 16.1573, 14.3101



Tritanopia

16.0748, 16.0272, 19.3859

Trichromacy



Original Color

14.9857, 16.0666, 14.1157

Protanomaly

15.1390, 15.9827, 14.0914

Deuteranomaly

15.7949, 15.9950, 14.3114

Tritanomaly

15.6476, 16.0126, 17.3049

Monochromacy



Original Color

14.9857, 16.0666, 14.1157

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0204, 15.8752, 16.1825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9857, 16.0666, 14.1157 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(114, 112, 99) looks like.

```
.text, #text, p{  
    color:rgb(114, 112, 99)  
}
```

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(114, 112, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 112, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.9857, 16.0666, 14.1157 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(114, 112, 99) }
```


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

```
.border{ border-color:rgb(114, 112, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 112, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 112, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 112, 99);  
box-shadow:4px 4px 4px 4px rgb(114, 112,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9857, 16.0666, 14.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 112, 99) }
```

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

```
.background{ background-color: rgb(114,  
112, 99) }
```

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