

Converting Colors

XYZ(14.1918, 13.9310, 13.7367)

Have a look what the booklet for
XYZ(14.1918, 13.9310, 13.7367)
contains.

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Color

**XYZ(14.2419, 13.9901,
13.7541)**

Conversions

Conversions Part 1

Format	Color
Hex	756563
RGB	117, 101, 99
RGB Percent	46%, 40%, 39%
CMY	0.5412, 0.6039, 0.6118
CMYK	0.00, 0.14, 0.15, 0.54
HSL	7°, 8%, 42%
HSV	7°, 15%, 46%
XYZ	14.2419, 13.9901, 13.7541
YIQ	105.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

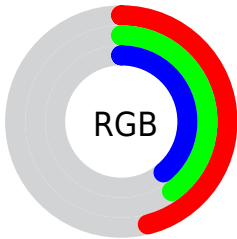
Format	Color
R_{YB}	117, 101, 99
Decimal	7693667
CIE _{Lab}	44.22, 6.01, 3.47
CIE _{LCh}	44, 6.940, 30.046
Yxy	13.9901, 0.3392, 0.3332
Android (android.graphics.Color)	4285883747 (0xFF756563)
YUV	105.5560, -3.2321, 10.0364
Hunter-Lab	37.4033, 2.5108, 4.3800

Details

The XYZ color **14.2419, 13.9901, 13.7541** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4871, 16.1981, 19.1927**, and the grayscale version is **13.5852, 14.2926, 15.5647**.

A 20% lighter version of the original color is **33.0954, 33.0935, 33.4975**, and **4.4160, 4.1606, 3.9385** is the 20% darker color. If you saturate the color by 10%, you get **12.7761, 11.8897, 10.7029**, and if you desaturate by 10%, it is **15.9173, 16.3797, 17.2754**.

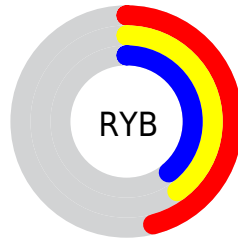
Distribution



Red (46%)

Green (40%)

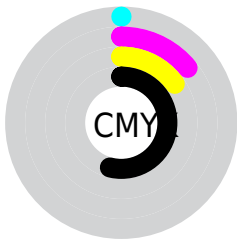
Blue (39%)



Red (46%)

Yellow (40%)

Blue (39%)

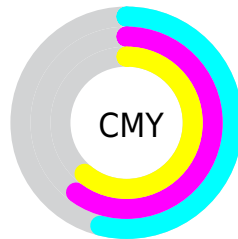


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2419, 13.9901, 13.7541 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 14.2419, 13.9901, 13.7541 by changing the saturation by 10% instead.

■ 14.2419, 13.9901,
13.7541

■ 14.2419, 13.9901,
13.7541

212.2112,
217.1692, 227.0707

■ 8.3719, 8.1138,
7.8130

■ 33.1003, 33.0715,
33.3629

■ 4.3876, 4.1678,
3.8895

■ 46.8195, 47.0453,
47.8677

■ 1.9237, 1.7679,
1.5649

■ 63.8858, 64.4871,
66.0642

■ 0.5905, 0.4670,
0.2656

■ 84.6645, 85.7812,
88.3709

■ 0.0000, 0.0000,
0.0000

109.5210,
111.3121, 115.2064

138.8208,

141.4642, 146.9891

172.9290,
176.6217, 184.1377

■ 14.2419, 13.9901,
13.7541

■ 14.2419, 13.9901,
13.7541

■ 12.7761, 11.8897,
10.7029

■ 15.9173, 16.3797,
17.2754

■ 11.5106, 10.0657,
8.1011

■ 17.8089, 19.0670,
21.2845

■ 10.4369, 8.5072,
5.9277

■ 19.9245, 22.0624,
25.7995

■ 9.5456, 7.2018,
4.1595

■ 22.2711, 25.3752,
30.8371

■ 8.8265, 6.1360,
2.7716

■ 24.8553, 29.0145,
36.4133

■ 8.2683, 5.2953,
1.7358

■ 27.6838, 32.9887,
42.5434

■ 7.8584, 4.6634,
1.0204

■ 30.7625, 37.3062,
49.2422

■ 7.5791, 4.2204,
0.5702

■ 34.0976, 41.9749,
56.5238

■ 7.4803, 4.0702,
0.3914

■ 37.6947, 47.0027,
64.4019

Harmonies

Analogous

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



14.3925, 13.9901, 15.2304



14.2419, 13.9901, 13.7541



13.8368, 13.9901, 12.7367

Triad

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



14.2419, 13.9901, 13.7541



12.3943, 13.9901, 13.7581



13.2980, 13.9901, 18.4960

Complementary

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



14.2419, 13.9901, 13.7541



14.4871, 16.1981, 19.1927

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.



12.7717, 13.9901, 18.0355



14.2419, 13.9901, 13.7541



12.2589, 13.9901, 15.2353

Square

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



14.2419, 13.9901, 13.7541



12.7703, 13.9901, 12.7389



12.3952, 13.9901, 16.8139



13.8384, 13.9901, 18.0327

Rectangle

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



14.2419, 13.9901, 13.7541



13.4824, 13.9901, 12.4181



12.3952, 13.9901, 16.8139



13.1137, 13.9901, 18.4437

Sweetspot

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



14.2423, 13.9907, 13.7544



28.5846, 29.4472, 31.1071



14.9041, 13.9482, 18.1869



6.5318, 6.7131, 7.0670



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

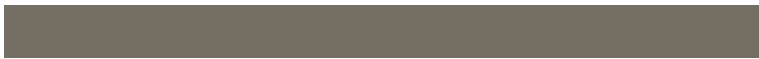
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2423, 13.9907, 13.7544



24.6556, 23.8400, 22.8586



15.1427, 15.7916, 14.0545



3.7138, 3.7605, 3.8724



8.2347, 4.4707, 0.4289



39.7990, 21.1265, 1.9802

Inverse Universe

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



14.4871, 16.1981, 19.1927



25.1708, 28.4870, 34.3089



13.5313, 14.2865, 18.8741



3.7502, 4.0891, 4.6819



8.9834, 12.3065, 20.4445



43.3880, 59.1926, 99.4988

Previews

White Background



This preview shows how the XYZ color 14.2419, 13.9901, 13.7541 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 14.2419, 13.9901, 13.7541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

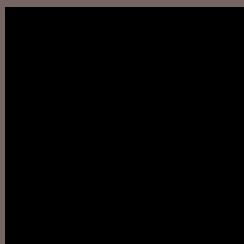
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2419, 13.9901, 13.7541

Background



This preview shows how black text looks on a background with the XYZ color 14.2419, 13.9901, 13.7541.



This preview shows how white text looks on a background with the XYZ color 14.2419, 13.9901,

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

14.2419, 13.9901, 13.7541

Protanopia

13.3627, 13.9660, 14.3033

Deuteranopia

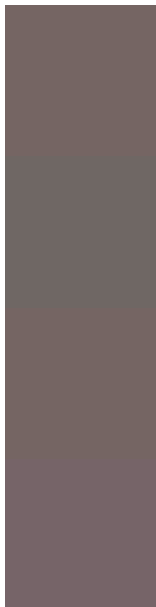
14.2419, 13.9901, 13.7541



Tritanopia

14.6822, 14.0274, 15.8436

Trichromacy



Original Color

14.2419, 13.9901, 13.7541

Protanomaly

13.7060, 14.0001, 14.0365

Deuteranomaly

14.2419, 13.9901, 13.7541

Tritanomaly

14.5271, 13.9654, 15.0266

Monochromacy



Original Color

14.2419, 13.9901, 13.7541

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8289, 14.1949, 14.8430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2419, 13.9901, 13.7541 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(117, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 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(117, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.2419, 13.9901, 13.7541 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(117, 101, 99) }
```


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

```
.border{ border-color:rgb(117, 101, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 101, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 101,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2419, 13.9901, 13.7541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 99) }
```

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

```
.background{ background-color: rgb(117,  
101, 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](#).

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