

Converting Colors

XYZ(15.8958, 14.4998, 15.8640)

Have a look what the booklet for
XYZ(15.8958, 14.4998, 15.8640)
contains.

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Color

**XYZ(15.8681, 14.4972,
15.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	7F636B
RGB	127, 99, 107
RGB Percent	50%, 39%, 42%
CMY	0.5020, 0.6118, 0.5804
CMYK	0.00, 0.22, 0.16, 0.50
HSL	343°, 12%, 44%
HSV	343°, 22%, 50%
XYZ	15.8681, 14.4972, 15.8718
YIQ	108.2840, 14.1200, 8.4240

Conversions

Conversions Part 2

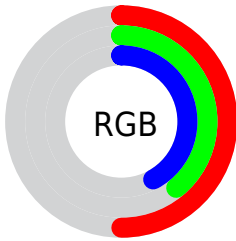
Format	Color
R_{YB}	127, 99, 107
Decimal	8348523
CIE Lab	44.94, 12.65, -0.19
CIE LCh	45, 12.655, 359.130
Yxy	14.4972, 0.3432, 0.3135
Android (android.graphics.Color)	4286538603 (0xFF7F636B)
YUV	108.2840, -0.6330, 16.4139
Hunter-Lab	38.0752, 7.7595, 1.9374

Details

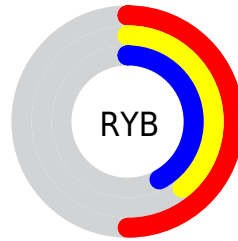
The XYZ color **15.8681, 14.4972, 15.8718** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0653, 19.1638, 20.3060**, and the grayscale version is **14.3329, 15.0793, 16.4213**.

A 20% lighter version of the original color is **35.9003, 33.9846, 37.0153**, and **5.1042, 4.3600, 4.8475** is the 20% darker color. If you saturate the color by 10%, you get **14.3058, 12.0966, 13.1184**, and if you desaturate by 10%, it is **17.6706, 17.2976, 18.9527**.

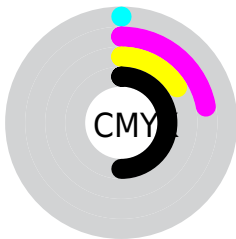
Distribution



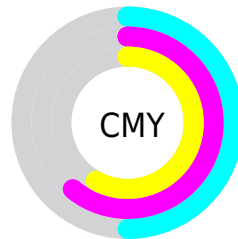
- Red (50%)
- Green (39%)
- Blue (42%)



- Red (50%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8681, 14.4972, 15.8718 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 15.8681, 14.4972, 15.8718 by changing the saturation by 10% instead.

■ 15.8681, 14.4972,
15.8718

■ 15.8681, 14.4972,
15.8718

221.8479,
220.3024, 240.4039

■ 9.5211, 8.4673,
9.2801

■ 35.9284, 33.9687,
37.1392

■ 5.1424, 4.3954,
4.8250

■ 50.3724, 48.1790,
52.6520

■ 2.3667, 1.8971,
2.0880

■ 68.2461, 65.8849,
71.9755

■ 0.8285, 0.5466,
0.6086

■ 89.9149, 87.4709,
95.5284

■ 0.0000, 0.0000,
0.0000

115.7441,
113.3212, 123.7291

146.0991,

143.8203, 156.9963

181.3452,
179.3525, 195.7483

■ 15.8681, 14.4972,
15.8718

■ 15.8681, 14.4972,
15.8718

■ 14.3058, 12.0966,
13.1184

■ 17.6706, 17.2976,
18.9527

■ 12.9720, 10.0756,
10.6807

■ 19.7217, 20.5130,
22.3706

■ 11.8561, 8.4152,
8.5470

■ 22.0311, 24.1600,
26.1360

■ 10.9459, 7.0938,
6.7052

■ 24.6074, 28.2540,
30.2584

■ 10.2281, 6.0878,
5.1417

■ 27.4589, 32.8093,
34.7469

■ 9.6877, 5.3701,
3.8422

■ 30.5935, 37.8398,
39.6106

■ 9.3074, 4.9095,
2.7905

■ 34.0188, 43.3588,
44.8578

■ 9.0752, 4.6412,
2.1090

■ 37.7422, 49.3789,
50.4970

■ 41.7706, 55.9124,
56.5361

Harmonies

Analogous

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



15.5604, 14.4972, 18.8963



15.8681, 14.4972, 15.8718



15.5932, 14.4972, 13.1680

Triad

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



15.8681, 14.4972, 15.8718



12.8322, 14.4972, 11.3082



12.7823, 14.4972, 21.2046

Complementary

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



15.8681, 14.4972, 15.8718



16.0653, 19.1638, 20.3060

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.



12.1116, 14.4972, 18.7276



15.8681, 14.4972, 15.8718



12.1393, 14.4972, 13.0354

Square

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



15.8681, 14.4972, 15.8718



13.8094, 14.4972, 10.7409



11.8821, 14.4972, 15.6985



13.7489, 14.4972, 22.2029

Rectangle

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



15.8681, 14.4972, 15.8718



15.1239, 14.4972, 11.8526



11.8821, 14.4972, 15.6985



12.5165, 14.4972, 20.5032

Sweetspot

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



15.8685, 14.4979, 15.8721



33.3788, 33.6900, 36.8490



15.8461, 14.3503, 22.0137



7.7766, 7.8277, 8.5634



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.



15.8685, 14.4979, 15.8721



27.0845, 23.9088, 26.0962



16.0160, 15.4353, 13.9403



4.3744, 4.3629, 4.7760



9.1520, 4.6805, 2.1241



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8685, 14.4979, 15.8721



27.0845, 23.9088, 26.0962



15.8630, 17.9576, 22.7091



4.3744, 4.3629, 4.7760



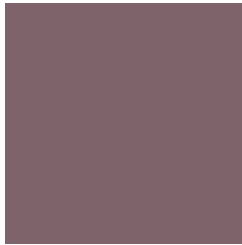
9.1520, 4.6805, 2.1241



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8681, 14.4972, 15.8718 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 15.8681, 14.4972, 15.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

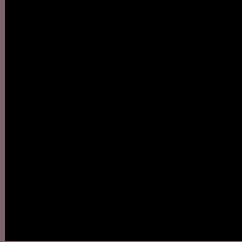
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8681, 14.4972, 15.8718

Background



This preview shows how black text looks on a background with the XYZ color 15.8681, 14.4972, 15.8718.



This preview shows how white text looks on a background with the XYZ color 15.8681, 14.4972,

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

15.8681, 14.4972, 15.8718

Protanopia

14.0867, 14.5816, 17.1110

Deuteranopia

14.7879, 14.5230, 15.6595



Tritanopia

15.8681, 14.4972, 15.8718

Trichromacy



Original Color

15.8681, 14.4972, 15.8718

Protanomaly

14.6042, 14.4037, 16.7623

Deuteranomaly

15.2380, 14.6083, 15.6522

Tritanomaly

15.8681, 14.4972, 15.8718

Monochromacy



Original Color

15.8681, 14.4972, 15.8718

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8286, 14.8307, 16.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8681, 14.4972, 15.8718 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(127, 99, 107)` looks like.

```
.text, #text, p{  
    color:rgb(127, 99, 107)  
}
```

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(127, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.8681, 14.4972, 15.8718 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(127, 99, 107) }
```


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

```
.border{ border-color:rgb(127, 99, 107) }
```

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

Here you see how a box with a 4 pixel rgb(127, 99, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(127, 99,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8681, 14.4972, 15.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 99, 107) }
```

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

```
.background{ background-color: rgb(127, 99,  
107) }
```

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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