

Converting Colors

XYZ(14.7370, 14.5744, 14.6203)

Have a look what the booklet for
XYZ(14.7370, 14.5744, 14.6203)
contains.

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Color

**XYZ(14.7197, 14.5114,
14.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	766766
RGB	118, 103, 102
RGB Percent	46%, 40%, 40%
CMY	0.5373, 0.5961, 0.6000
CMYK	0.00, 0.13, 0.14, 0.54
HSL	4°, 7%, 43%
HSV	4°, 14%, 46%
XYZ	14.7197, 14.5114, 14.5955
YIQ	107.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

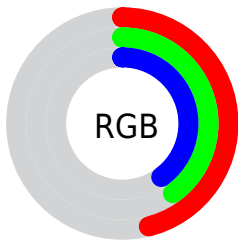
Format	Color
R_{YB}	118, 103, 102
Decimal	7759718
CIE _{Lab}	44.96, 5.76, 2.74
CIE _{LCh}	45, 6.379, 25.463
Yxy	14.5114, 0.3359, 0.3311
Android (android.graphics.Color)	4285949798 (0xFF766766)
YUV	107.3710, -2.6479, 9.3216
Hunter-Lab	38.0938, 2.3093, 3.9490

Details

The XYZ color **14.7197, 14.5114, 14.5955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1105, 16.8548, 19.5964**, and the grayscale version is **14.0838, 14.8173, 16.1360**.

A 20% lighter version of the original color is **33.8829, 33.9572, 34.9056**, and **4.6295, 4.4063, 4.2209** is the 20% darker color. If you saturate the color by 10%, you get **13.1474, 12.2376, 11.3868**, and if you desaturate by 10%, it is **16.5217, 17.1110, 18.2921**.

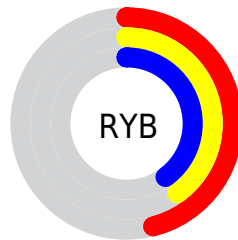
Distribution



Red (46%)

Green (40%)

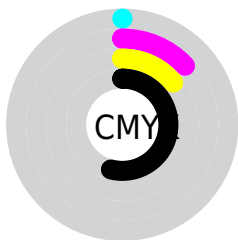
Blue (40%)



Red (46%)

Yellow (40%)

Blue (40%)

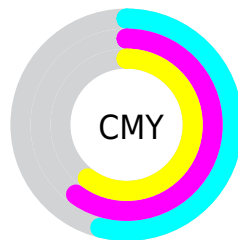


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7197, 14.5114, 14.5955 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 14.7197, 14.5114, 14.5955 by changing the saturation by 10% instead.

■ 14.7197, 14.5114,
14.5955

■ 14.7197, 14.5114,
14.5955

215.0855,
220.3895, 232.4605

■ 8.7079, 8.4772,
8.3925

■ 33.9364, 33.9937,
34.8742

■ 4.6067, 4.4018,
4.2558

■ 47.8721, 48.2106,
49.7870

■ 2.0508, 1.9008,
1.7667

■ 65.1797, 65.9239,
68.4402

■ 0.6623, 0.5488,
0.4058

■ 86.2247, 87.5179,
91.2523

■ 0.0000, 0.0000,
0.0000

111.3725,
113.3771, 118.6418

140.9883,

143.8858, 151.0273

175.4375,
179.4285, 188.8274

■ 14.7197, 14.5114,
14.5955

■ 14.7197, 14.5114,
14.5955

■ 13.1474, 12.2376,
11.3868

■ 16.5217, 17.1110,
18.2921

■ 11.7945, 10.2748,
8.6449

■ 18.5607, 20.0463,
22.4949

■ 10.6514, 8.6101,
6.3481

■ 20.8456, 23.3296,
27.2222

■ 9.7078, 7.2290,
4.4731

■ 23.3839, 26.9716,
32.4914

■ 8.9520, 6.1155,
2.9942

■ 26.1833, 30.9829,
38.3188

■ 8.3716, 5.2524,
1.8828

■ 29.2509, 35.3733,
44.7201

■ 7.9524, 4.6203,
1.1069

■ 32.5935, 40.1524,
51.7105

■ 7.6770, 4.1965,
0.6236

■ 36.2178, 45.3296,
59.3046

■ 7.5515, 4.0121,
0.3764

■ 40.1302, 50.9138,
67.5163

Harmonies

Analogous

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



14.8185, 14.5114, 16.0291



14.7197, 14.5114, 14.5955



14.3701, 14.5114, 13.5469

Triad

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



14.7197, 14.5114, 14.5955



12.9815, 14.5114, 14.2248



13.7133, 14.5114, 18.8456

Complementary

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



14.7197, 14.5114, 14.5955



15.1105, 16.8548, 19.5964

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.



13.2309, 14.5114, 18.2910



14.7197, 14.5114, 14.5955



12.8152, 14.5114, 15.5739

Square

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



14.7197, 14.5114, 14.5955



13.3652, 14.5114, 13.3426



12.9054, 14.5114, 17.0700



14.2291, 14.5114, 18.5430

Rectangle

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



14.7197, 14.5114, 14.5955



14.0464, 14.5114, 13.1759



12.9054, 14.5114, 17.0700



13.5420, 14.5114, 18.7523

Sweetspot

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



14.7201, 14.5120, 14.5958



28.8687, 29.8246, 31.7896



15.4453, 14.6435, 18.9038



6.5892, 6.7877, 7.2098



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

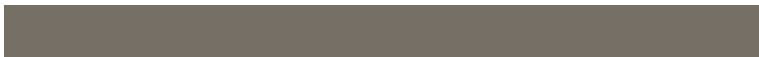
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7201, 14.5120, 14.5958



25.0573, 24.3243, 23.9764



15.5322, 16.1362, 14.8665



3.7007, 3.7344, 3.8680



8.1661, 4.3334, 0.4060



39.5688, 20.6662, 1.9035

Inverse Universe

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



15.1105, 16.8548, 19.5964



25.8720, 29.2129, 34.4121



14.2396, 15.1129, 19.3061



3.7646, 4.1179, 4.6867



9.6375, 13.6147, 20.6625



46.7301, 65.8767, 100.6128

Previews

White Background



This preview shows how the XYZ color 14.7197, 14.5114, 14.5955 looks on a white background.

Color Contrast Check

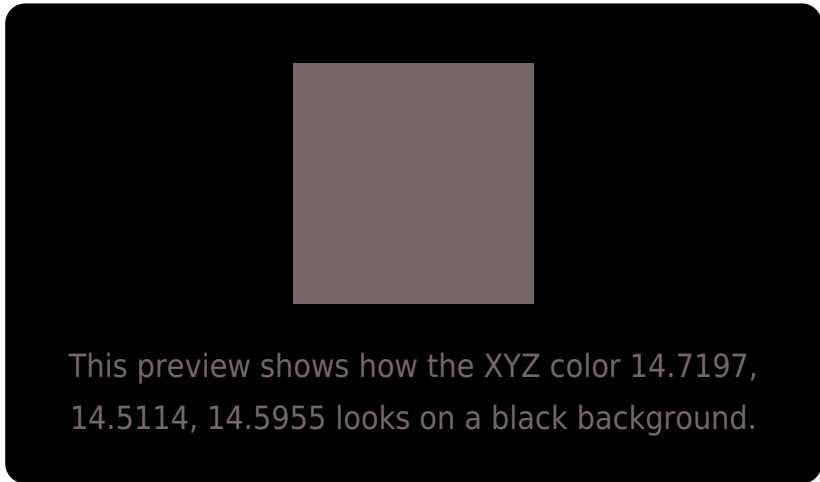
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

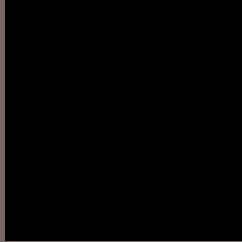
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7197, 14.5114, 14.5955

Background



This preview shows how black text looks on a background with the XYZ color 14.7197, 14.5114, 14.5955.



This preview shows how white text looks on a background with the XYZ color 14.7197, 14.5114,

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

14.7197, 14.5114, 14.5955

Protanopia

13.9594, 14.5588, 15.1711

Deuteranopia

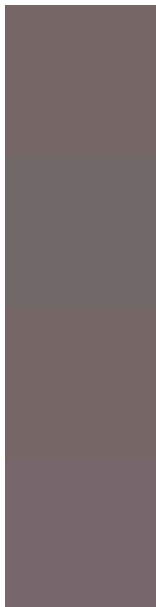
14.7197, 14.5114, 14.5955



Tritanopia

15.1736, 14.5505, 16.7606

Trichromacy



Original Color

14.7197, 14.5114, 14.5955

Protanomaly

14.1818, 14.5272, 14.8885

Deuteranomaly

14.7197, 14.5114, 14.5955

Tritanomaly

15.0130, 14.4862, 15.9148

Monochromacy



Original Color

14.7197, 14.5114, 14.5955

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2594, 14.7075, 15.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7197, 14.5114, 14.5955 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(118, 103, 102) looks like.

```
.text, #text, p{  
    color:rgb(118, 103, 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(118, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.7197, 14.5114, 14.5955 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(118, 103, 102) }
```


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

```
.border{ border-color:rgb(118, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7197, 14.5114, 14.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 103, 102) }
```

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

```
.background{ background-color: rgb(118,  
103, 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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