

Converting Colors

XYZ(14.4136, 14.8756, 15.4114)

Have a look what the booklet for
XYZ(14.4136, 14.8756, 15.4114)
contains.

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Color

**XYZ(14.4896, 14.9801,
15.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	706B69
RGB	112, 107, 105
RGB Percent	44%, 42%, 41%
CMY	0.5608, 0.5804, 0.5882
CMYK	0.00, 0.04, 0.06, 0.56
HSL	17°, 3%, 43%
HSV	17°, 6%, 44%
XYZ	14.4896, 14.9801, 15.4924
YIQ	108.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

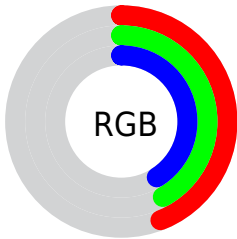
Format	Color
R_{YB}	112, 108, 105
Decimal	7367529
CIE _{Lab}	45.61, 1.55, 1.81
CIE _{LCh}	46, 2.383, 49.302
Yxy	14.9801, 0.3223, 0.3332
Android (android.graphics.Color)	4285557609 (0xFF706B69)
YUV	108.2670, -1.6106, 3.2738
Hunter-Lab	38.7041, -0.9075, 3.3604

Details

The XYZ color **14.4896, 14.9801, 15.4924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3262, 15.3247, 17.5323**, and the grayscale version is **14.3329, 15.0793, 16.4214**.

A 20% lighter version of the original color is **33.5375, 34.7465, 36.3916**, and **4.4939, 4.6272, 4.6593** is the 20% darker color. If you saturate the color by 10%, you get **13.1561, 13.1743, 12.3924**, and if you desaturate by 10%, it is **15.9769, 16.9718, 19.0182**.

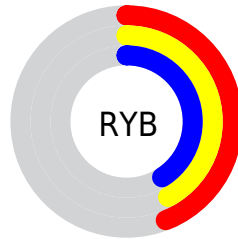
Distribution



Red (44%)

Green (42%)

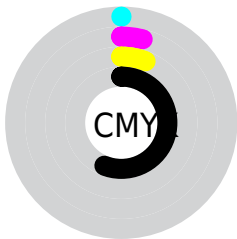
Blue (41%)



Red (44%)

Yellow (42%)

Blue (41%)

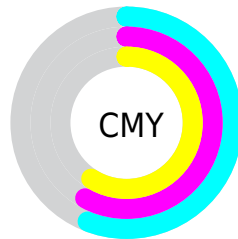


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4896, 14.9801, 15.4924 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 14.4896, 14.9801, 15.4924 by changing the saturation by 10% instead.

■ 14.4896, 14.9801,
15.4924

■ 14.4896, 14.9801,
15.4924

213.7059,
223.2457, 238.0701

■ 8.5459, 8.8054,
9.0152

■ 33.5343, 34.8183,
36.4692

■ 4.5009, 4.6145,
4.6542

■ 47.3661, 49.2505,
51.8058

■ 1.9893, 2.0229,
1.9907

■ 64.5580, 67.2041,
70.9328

■ 0.6279, 0.6207,
0.5495

■ 85.4753, 89.0634,
94.2685

■ 0.0000, 0.0000,
0.0000

110.4833,
115.2129, 122.2315

139.9476,

146.0368, 155.2405

174.2333,
181.9196, 193.7138

■ 14.4896, 14.9801,
15.4924

■ 14.4896, 14.9801,
15.4924

■ 13.1561, 13.1743,
12.3924

■ 15.9769, 16.9718,
19.0182

■ 11.9701, 11.5471,
9.7010

■ 17.6215, 19.1524,
22.9840

■ 10.9267, 10.0935,
7.4012

■ 19.4285, 21.5277,
27.4048

■ 10.0204, 8.8077,
5.4748

■ 21.4021, 24.1023,
32.2945

■ 9.2450, 7.6834,
3.9016

■ 23.5466, 26.8807,
37.6662

■ 8.5940, 6.7139,
2.6599

■ 25.8661, 29.8675,
43.5328

■ 8.0605, 5.8922,
1.7253

■ 28.3644, 33.0668,
49.9066

■ 7.6363, 5.2105,
1.0703

■ 31.0454, 36.4828,
56.7993

■ 7.3073, 4.6582,
0.6346

■ 33.9127, 40.1196,
64.2225

Harmonies

Analogous

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



14.6031, 14.9801, 15.9505



14.4896, 14.9801, 15.4924



14.3094, 14.9801, 15.2555

Triad

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



14.4896, 14.9801, 15.4924



13.8647, 14.9801, 16.1078



14.3652, 14.9801, 17.3692

Complementary

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



14.4896, 14.9801, 15.4924



14.3262, 15.3247, 17.5323

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.



14.1671, 14.9801, 17.4137



14.4896, 14.9801, 15.4924



13.8794, 14.9801, 16.6764

Square

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



14.4896, 14.9801, 15.4924



13.9494, 14.9801, 15.6052



13.9896, 14.9801, 17.1575



14.5308, 14.9801, 17.0373

Rectangle

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



14.4896, 14.9801, 15.4924



14.1763, 14.9801, 15.2510



13.9896, 14.9801, 17.1575



14.3002, 14.9801, 17.4185

Sweetspot

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



14.4900, 14.9808, 15.4927



26.5184, 27.7454, 29.7236



14.5492, 14.6743, 16.8224



6.3809, 6.6791, 7.1646



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.



14.4900, 14.9808, 15.4927



25.2252, 26.0074, 26.6769



14.8603, 15.7213, 15.6161



3.5160, 3.6248, 3.7175



8.3051, 5.1426, 0.5549



40.7189, 24.3130, 2.5467

Inverse Universe

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



14.3262, 15.3247, 17.5323



24.8964, 26.6977, 30.7708



13.9580, 14.5882, 17.4095



3.4700, 3.7213, 4.2896



6.6744, 7.9392, 18.9022



32.4852, 38.0224, 93.9060

Previews

White Background



This preview shows how the XYZ color 14.4896, 14.9801, 15.4924 looks on a white background.

Color Contrast Check

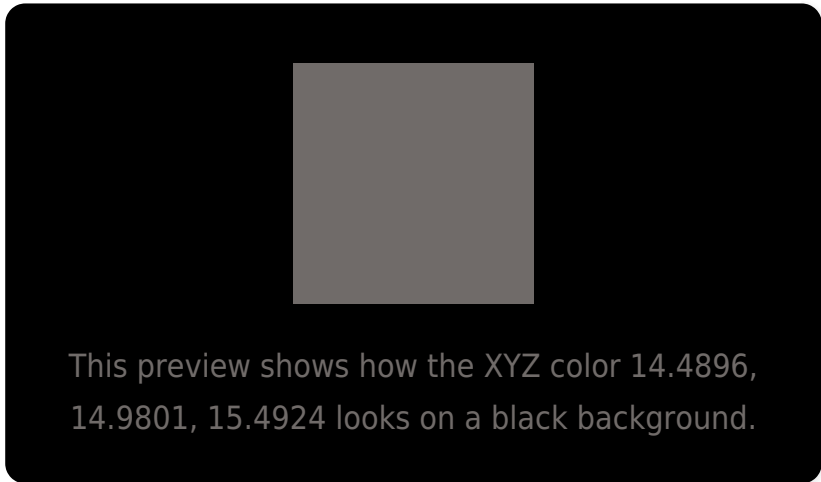
Large Text (above 18pt) WCAG AA ✓ Pass

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

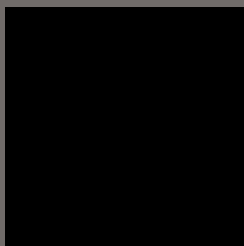
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4896, 14.9801, 15.4924

Background



This preview shows how black text looks on a background with the XYZ color 14.4896, 14.9801, 15.4924.



This preview shows how white text looks on a background with the XYZ color 14.4896, 14.9801,

15.4924.

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

14.4896, 14.9801, 15.4924

Protanopia

14.2379, 14.8503, 15.4806

Deuteranopia

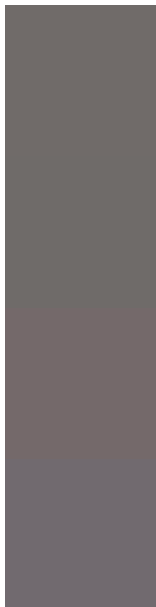
15.1596, 14.8632, 15.7056



Tritanopia

15.0013, 15.0337, 18.0307

Trichromacy



Original Color

14.4896, 14.9801, 15.4924

Protanomaly

14.3630, 14.9148, 15.4864

Deuteranomaly

14.8556, 14.8568, 15.7203

Tritanomaly

14.8333, 14.9665, 17.1459

Monochromacy



Original Color

14.4896, 14.9801, 15.4924

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3231, 15.0379, 16.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4896, 14.9801, 15.4924 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(112, 107, 105)` looks like.

```
.text, #text, p{  
    color:rgb(112, 107, 105)  
}
```

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(112, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 107, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.4896, 14.9801, 15.4924 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(112, 107, 105) }
```


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

```
.border{ border-color:rgb(112, 107, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 107, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(112, 107,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4896, 14.9801, 15.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 107, 105) }
```

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

```
.background{ background-color: rgb(112,  
107, 105) }
```

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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