

Converting Colors

XYZ(14.4872, 15.2603, 14.4888)

Have a look what the booklet for
XYZ(14.4872, 15.2603, 14.4888)
contains.

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Color

**XYZ(14.4997, 15.3216,
14.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	706D65
RGB	112, 109, 101
RGB Percent	44%, 43%, 40%
CMY	0.5608, 0.5725, 0.6039
CMYK	0.00, 0.03, 0.10, 0.56
HSL	44°, 5%, 42%
HSV	44°, 10%, 44%
XYZ	14.4997, 15.3216, 14.5051
YIQ	108.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

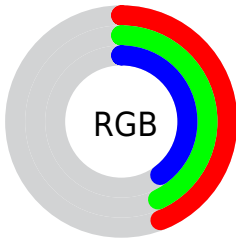
Format	Color
R_{YB}	105, 112, 101
Decimal	7368037
CIE Lab	46.07, -0.39, 4.87
CIE LCh	46, 4.890, 94.533
Yxy	15.3216, 0.3271, 0.3457
Android (android.graphics.Color)	4285558117 (0xFF706D65)
YUV	108.9850, -3.9366, 2.6442
Hunter-Lab	39.1428, -2.3780, 5.4290

Details

The XYZ color **14.4997, 15.3216, 14.5051** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2418, 13.8370, 17.3023**, and the grayscale version is **14.5419, 15.2992, 16.6608**.

A 20% lighter version of the original color is **33.5481, 35.3011, 34.7514**, and **4.5028, 4.8016, 4.1795** is the 20% darker color. If you saturate the color by 10%, you get **13.6681, 14.4774, 11.7025**, and if you desaturate by 10%, it is **15.4183, 16.2197, 17.7061**.

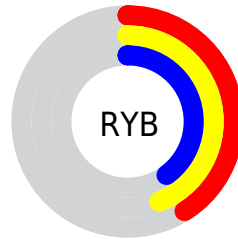
Distribution



Red (44%)

Green (43%)

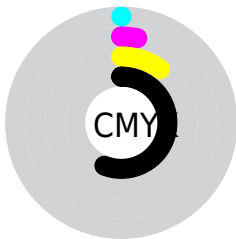
Blue (40%)



Red (41%)

Yellow (44%)

Blue (40%)

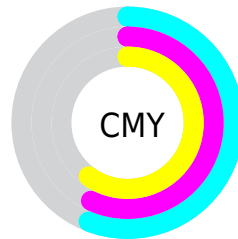


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (56%)



Cyan (56%)

Magenta (57%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4997, 15.3216, 14.5051 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 14.4997, 15.3216, 14.5051 by changing the saturation by 10% instead.

■ 14.4997, 15.3216,
14.5051

■ 14.4997, 15.3216,
14.5051

213.7667,
225.3046, 231.8875

■ 8.5530, 9.0454,
8.3301

■ 33.5520, 35.4164,
34.7125

■ 4.5056, 4.7708,
4.2161

■ 47.3883, 50.0038,
49.5820

■ 1.9919, 2.1134,
1.7446

■ 64.5853, 68.1303,
68.1867

■ 0.6294, 0.6722,
0.3910

■ 85.5082, 90.1804,
90.9452

■ 0.0000, 0.0000,
0.0000

110.5225,
116.5385, 118.2760

139.9934,

147.5890, 150.5976

174.2863,
183.7162, 188.3286

■ 14.4997, 15.3216,
14.5051

■ 14.4997, 15.3216,
14.5051

■ 13.6681, 14.4774,
11.7025

■ 15.4183, 16.2197,
17.7061

■ 12.9191, 13.6837,
9.2815

■ 16.4255, 17.1709,
21.3194

■ 12.2497, 12.9396,
7.2254

■ 17.5246, 18.1774,
25.3597

■ 11.6565, 12.2435,
5.5160

■ 18.7182, 19.2404,
29.8403

■ 11.1355, 11.5936,
4.1336

■ 20.0090, 20.3609,
34.7743

■ 10.6825, 10.9881,
3.0562

■ 21.3992, 21.5403,
40.1740

■ 10.2928, 10.4249,
2.2595

■ 22.8914, 22.7795,
46.0514

■ 9.9607, 9.9015,
1.7151

■ 24.4878, 24.0797,
52.4178

■ 9.6653, 9.4094,
1.3125

■ 26.1905, 25.4419,
59.2844

Harmonies

Analogous

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



14.9088, 15.3216, 14.7019



14.4997, 15.3216, 14.5051



14.1147, 15.3216, 14.8687

Triad

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



14.4997, 15.3216, 14.5051



13.9147, 15.3216, 18.0129



15.2956, 15.3216, 17.6854

Complementary

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



14.4997, 15.3216, 14.5051



13.2418, 13.8370, 17.3023

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.



15.0201, 15.3216, 18.6384



14.4997, 15.3216, 14.5051



14.2221, 15.3216, 18.8337

Square

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



14.4997, 15.3216, 14.5051



13.7811, 15.3216, 16.8640



14.6259, 15.3216, 19.0678



15.3734, 15.3216, 16.5025

Rectangle

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



14.4997, 15.3216, 14.5051



13.9220, 15.3216, 15.3905



14.6259, 15.3216, 19.0678



15.2228, 15.3216, 18.0451

Sweetspot

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



14.5001, 15.3223, 14.5054



26.5435, 27.9699, 29.1949



13.8406, 13.7542, 15.0534



6.3493, 6.6927, 6.9171



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.



14.5001, 15.3223, 14.5054



25.0945, 26.5386, 24.1902



14.5261, 15.8186, 14.5999



3.5687, 3.7700, 3.6129



11.1483, 10.8290, 1.5026



54.7902, 52.4556, 7.2372

Inverse Universe

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



13.2418, 13.8370, 17.3023



22.3674, 23.3197, 30.2521



13.2161, 13.3838, 17.2162



3.2848, 3.4348, 4.2441



3.9156, 2.4215, 17.9826



18.8743, 10.8004, 89.3690

Previews

White Background



This preview shows how the XYZ color 14.4997, 15.3216, 14.5051 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 14.4997, 15.3216, 14.5051 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

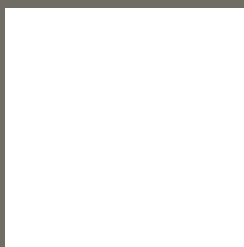
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4997, 15.3216, 14.5051

Background



This preview shows how black text looks on a background with the XYZ color 14.4997, 15.3216, 14.5051.



This preview shows how white text looks on a background with the XYZ color 14.4997, 15.3216,

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

14.4997, 15.3216, 14.5051

Protanopia

14.6277, 15.3876, 14.5111

Deuteranopia

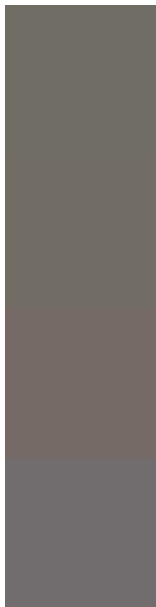
15.4759, 15.2000, 14.6886



Tritanopia

15.2916, 15.3306, 18.3728

Trichromacy



Original Color

14.4997, 15.3216, 14.5051

Protanomaly

14.6277, 15.3876, 14.5111

Deuteranomaly

15.0235, 15.1189, 14.6968

Tritanomaly

14.9871, 15.3616, 16.9270

Monochromacy



Original Color

14.4997, 15.3216, 14.5051

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5006, 15.2929, 15.8232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4997, 15.3216, 14.5051 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, 109, 101)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 101)  
}
```

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, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.4997, 15.3216, 14.5051 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, 109, 101) }
```


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

```
.border{ border-color:rgb(112, 109, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 101);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4997, 15.3216, 14.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 109, 101) }
```

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

```
.background{ background-color: rgb(112,  
109, 101) }
```

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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