

Converting Colors

XYZ(14.7871, 14.9612, 17.0748)

Have a look what the booklet for
XYZ(14.7871, 14.9612, 17.0748)
contains.

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Color

**XYZ(14.8333, 14.9665,
17.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	716A6F
RGB	113, 106, 111
RGB Percent	44%, 42%, 44%
CMY	0.5569, 0.5843, 0.5647
CMYK	0.00, 0.06, 0.02, 0.56
HSL	317°, 3%, 43%
HSV	317°, 6%, 44%
XYZ	14.8333, 14.9665, 17.1459
YIQ	108.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

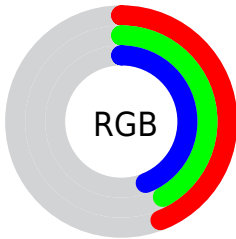
Format	Color
R_{YB}	113, 106, 111
Decimal	7432815
CIE Lab	45.59, 3.73, -1.81
CIE LCh	46, 4.148, 334.054
Yxy	14.9665, 0.3160, 0.3188
Android (android.graphics.Color)	4285622895 (0xFF716A6F)
YUV	108.6630, 1.1521, 3.8035
Hunter-Lab	38.6866, 0.7394, 0.8032

Details

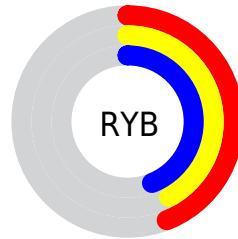
The XYZ color **14.8333, 14.9665, 17.1459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5563, 15.9575, 16.5011**, and the grayscale version is **14.4371, 15.1890, 16.5408**.

A 20% lighter version of the original color is **34.1849, 34.7576, 39.5575**, and **4.6411, 4.6106, 5.3480** is the 20% darker color. If you saturate the color by 10%, you get **13.5702, 12.7196, 15.8635**, and if you desaturate by 10%, it is **16.2571, 17.5242, 18.5140**.

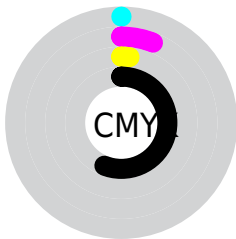
Distribution



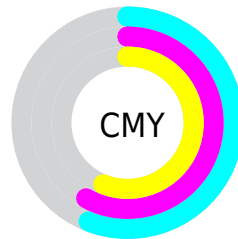
- Red (44%)
- Green (42%)
- Blue (44%)



- Red (44%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8333, 14.9665, 17.1459 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 14.8333, 14.9665, 17.1459 by changing the saturation by 10% instead.

■ 14.8333, 14.9665,
17.1459

■ 14.8333, 14.9665,
17.1459

215.7634,
223.1634, 248.0841

■ 8.7880, 8.7959,
10.1755

■ 34.1345, 34.7944,
39.3705

■ 4.6592, 4.6083,
5.4084

■ 48.1212, 49.2205,
55.4619

■ 2.0814, 2.0193,
2.4259

■ 65.4857, 67.1671,
75.4306

■ 0.6791, 0.6187,
0.8005

■ 86.5934, 89.0188,
99.6953

■ 0.0000, 0.0000,
0.0000

111.8097,
115.1599, 128.6744

141.4999,

145.9747, 162.7866

176.0294,
181.8478, 202.4503

■ 14.8333, 14.9665,
17.1459

■ 14.8333, 14.9665,
17.1459

■ 13.5702, 12.7196,
15.8635

■ 16.2571, 17.5242,
18.5140

■ 12.4606, 10.7696,
14.6634

■ 17.8462, 20.4021,
19.9690

■ 11.4984, 9.1045,
13.5436

■ 19.6062, 23.6115,
21.5135

■ 10.6769, 7.7106,
12.5013

■ 21.5424, 27.1626,
23.1493

■ 9.9885, 6.5732,
11.5338

■ 23.6597, 31.0652,
24.8785

■ 9.4251, 5.6761,
10.6380

■ 25.9628, 35.3288,
26.7030

■ 8.9776, 5.0013,
9.8105

■ 28.4564, 39.9622,
28.6245

■ 8.6358, 4.5282,
9.0475

■ 31.1448, 44.9743,
30.6449

■ 8.3773, 4.2124,
8.3412

■ 34.0322, 50.3734,
32.7658

Harmonies

Analogous

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



14.6019, 14.9665, 17.9300



14.8333, 14.9665, 17.1459



14.9008, 14.9665, 16.1613

Triad

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



14.8333, 14.9665, 17.1459



14.1781, 14.9665, 14.4642



13.6799, 14.9665, 17.3890

Complementary

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



14.8333, 14.9665, 17.1459



14.5563, 15.9575, 16.5011

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.



13.5704, 14.9665, 16.4314



14.8333, 14.9665, 17.1459



13.8551, 14.9665, 14.7644

Square

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



14.8333, 14.9665, 17.1459



14.5190, 14.9665, 14.6383



13.6340, 14.9665, 15.4746



13.9354, 14.9665, 18.0743

Rectangle

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



14.8333, 14.9665, 17.1459



14.8429, 14.9665, 15.5299



13.6340, 14.9665, 15.4746



13.6249, 14.9665, 17.0869

Sweetspot

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



14.8337, 14.9671, 17.1462



27.5819, 28.6280, 31.6983



14.3176, 14.6882, 17.7034



6.3883, 6.6378, 7.3399



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.



14.8337, 14.9671, 17.1462



26.3246, 26.3763, 30.4680



14.6457, 14.8919, 16.1561



3.5324, 3.5392, 4.0885



9.3885, 4.6478, 9.1216



46.3831, 22.9986, 43.4113

Inverse Universe

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



14.8337, 14.9671, 17.1462



26.3246, 26.3763, 30.4680



14.7454, 16.0331, 17.4967



3.5324, 3.5392, 4.0885



9.3885, 4.6478, 9.1216



46.3831, 22.9986, 43.4113

Previews

White Background



This preview shows how the XYZ color 14.8333, 14.9665, 17.1459 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 14.8333, 14.9665, 17.1459 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 14.8333, 14.9665, 17.1459

Background



This preview shows how black text looks on a background with the XYZ color 14.8333, 14.9665, 17.1459.



This preview shows how white text looks on a background with the XYZ color 14.8333, 14.9665,

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

14.8333, 14.9665, 17.1459

Protanopia

14.4890, 14.9365, 17.4486

Deuteranopia

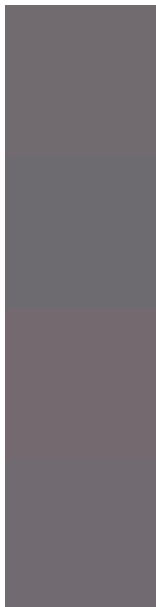
15.2569, 15.0328, 17.1364



Tritanopia

15.0013, 15.0337, 18.0307

Trichromacy



Original Color

14.8333, 14.9665, 17.1459

Protanomaly

14.6127, 15.0002, 17.4544

Deuteranomaly

15.1233, 14.9639, 17.1302

Tritanomaly

14.9447, 15.0110, 17.7325

Monochromacy



Original Color

14.8333, 14.9665, 17.1459

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6074, 15.1659, 16.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8333, 14.9665, 17.1459 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(113, 106, 111)` looks like.

```
.text, #text, p{  
    color:rgb(113, 106, 111)  
}
```

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(113, 106, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 106, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.8333, 14.9665, 17.1459 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(113, 106, 111) }
```


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

```
.border{ border-color:rgb(113, 106, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 106, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 106, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 106, 111);  
box-shadow:4px 4px 4px 4px rgb(113, 106,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8333, 14.9665, 17.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 106, 111) }
```

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

```
.background{ background-color: rgb(113,  
106, 111) }
```

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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