

Converting Colors

XYZ(14.8421, 14.7504, 14.5943)

Have a look what the booklet for
XYZ(14.8421, 14.7504, 14.5943)
contains.

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Color

**XYZ(14.8198, 14.7115,
14.6289)**

Conversions

Conversions Part 1

Format	Color
Hex	766866
RGB	118, 104, 102
RGB Percent	46%, 41%, 40%
CMY	0.5373, 0.5921, 0.6000
CMYK	0.00, 0.12, 0.14, 0.54
HSL	8°, 7%, 43%
HSV	8°, 14%, 46%
XYZ	14.8198, 14.7115, 14.6289
YIQ	107.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

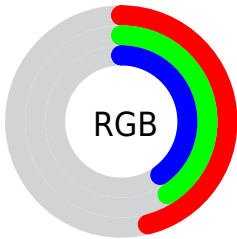
Format	Color
R_{YB}	118, 104, 102
Decimal	7759974
CIE Lab	45.24, 5.16, 3.15
CIE LCh	45, 6.047, 31.343
Yxy	14.7115, 0.3356, 0.3331
Android (android.graphics.Color)	4285950054 (0xFF766866)
YUV	107.9580, -2.9373, 8.8068
Hunter-Lab	38.3556, 1.8465, 4.2356

Details

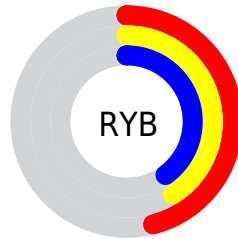
The XYZ color **14.8198, 14.7115, 14.6289** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9948, 16.6232, 19.5580**, and the grayscale version is **14.2486, 14.9907, 16.3248**.

A 20% lighter version of the original color is **34.0487, 34.2886, 34.9608**, and **4.6785, 4.5042, 4.2372** is the 20% darker color. If you saturate the color by 10%, you get **13.2996, 12.5418, 11.4376**, and if you desaturate by 10%, it is **16.5514, 17.1704, 18.3021**.

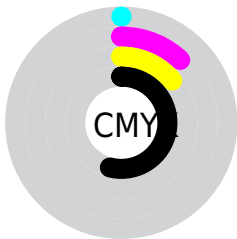
Distribution



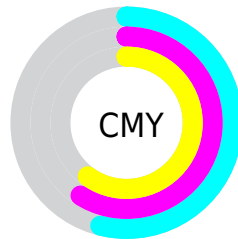
- Red (46%)
- Green (41%)
- Blue (40%)



- Red (46%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8198, 14.7115, 14.6289 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 14.8198, 14.7115, 14.6289 by changing the saturation by 10% instead.

■ 14.8198, 14.7115,
14.6289

■ 14.8198, 14.7115,
14.6289

215.6830,
221.6133, 232.6718

■ 8.7785, 8.6172,
8.4156

■ 34.1110, 34.3463,
34.9339

■ 4.6529, 4.4923,
4.2705

■ 48.0916, 48.6555,
49.8627

■ 2.0778, 1.9526,
1.7749

■ 65.4494, 66.4718,
68.5337

■ 0.6771, 0.5797,
0.4113

■ 86.5497, 88.1796,
91.3656

■ 0.0000, 0.0000,
0.0000

111.7578,
114.1632, 118.7768

141.4392,

144.8071, 151.1859

175.9591,
180.4957, 189.0113

■ 14.8198, 14.7115,
14.6289

■ 14.8198, 14.7115,
14.6289

■ 13.2996, 12.5418,
11.4376

■ 16.5514, 17.1704,
18.3021

■ 11.9814, 10.6486,
8.7072

■ 18.5008, 19.9264,
22.4750

■ 10.8572, 9.0215,
6.4167

■ 20.6757, 22.9897,
27.1657

■ 9.9176, 7.6484,
4.5430

■ 23.0829, 26.3695,
32.3912

■ 9.1526, 6.5166,
3.0610

■ 25.7292, 30.0744,
38.1676

■ 8.5514, 5.6120,
1.9427

■ 28.6207, 34.1128,
44.5103

■ 8.1018, 4.9190,
1.1566

■ 31.7638, 38.4928,
51.4342

■ 7.7888, 4.4200,
0.6609

■ 35.1642, 43.2223,
58.9537

■ 7.6388, 4.1867,
0.4055

■ 38.8278, 48.3087,
67.0824

Harmonies

Analogous

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



14.9658, 14.7115, 15.9539



14.8198, 14.7115, 14.6289



14.4488, 14.7115, 13.7225

Triad

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



14.8198, 14.7115, 14.6289



13.1564, 14.7115, 14.7343



14.0054, 14.7115, 18.9305

Complementary

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



14.8198, 14.7115, 14.6289



14.9948, 16.6232, 19.5580

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.



13.5270, 14.7115, 18.5569



14.8198, 14.7115, 14.6289



13.0439, 14.7115, 16.0829

Square

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



14.8198, 14.7115, 14.6289



13.4889, 14.7115, 13.7807



13.1780, 14.7115, 17.4930



14.4887, 14.7115, 18.4859

Rectangle

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



14.8198, 14.7115, 14.6289



14.1280, 14.7115, 13.4485



13.1780, 14.7115, 17.4930



13.8387, 14.7115, 18.8963

Sweetspot

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



14.8202, 14.7122, 14.6292



28.9284, 29.9440, 31.8095



15.3829, 14.6186, 18.5747



6.6049, 6.8191, 7.2151



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

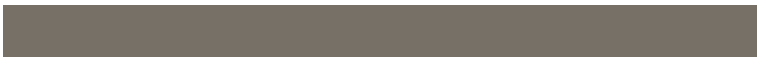
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8202, 14.7122, 14.6292



25.2624, 24.7343, 24.0447



15.6491, 16.3700, 14.9055



3.7175, 3.7680, 3.8736



8.2581, 4.5175, 0.4367



39.8857, 21.2998, 2.0091

Inverse Universe

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



14.9948, 16.6232, 19.5580



25.6265, 28.7220, 34.3302



14.1263, 14.8863, 19.2685



3.7461, 4.0809, 4.6805



8.8040, 11.9477, 20.3847



42.4739, 57.3644, 99.1941

Previews

White Background



This preview shows how the XYZ color 14.8198, 14.7115, 14.6289 looks on a white background.

Color Contrast Check

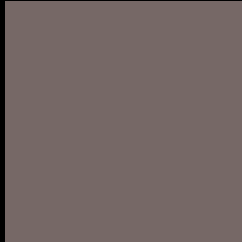
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8198, 14.7115, 14.6289 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 14.8198, 14.7115, 14.6289

Background



This preview shows how black text looks on a background with the XYZ color 14.8198, 14.7115, 14.6289.



This preview shows how white text looks on a background with the XYZ color 14.8198, 14.7115,

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

14.8198, 14.7115, 14.6289

Protanopia

14.1363, 14.8097, 14.9455

Deuteranopia

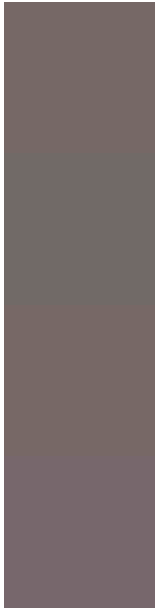
14.9563, 14.7819, 14.6353



Tritanopia

15.3272, 14.7701, 17.0820

Trichromacy



Original Color

14.8198, 14.7115, 14.6289

Protanomaly

14.4123, 14.7981, 14.9287

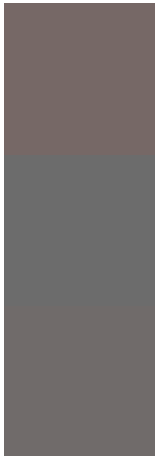
Deuteranomaly

14.9563, 14.7819, 14.6353

Tritanomaly

15.1648, 14.7051, 16.2265

Monochromacy



Original Color

14.8198, 14.7115, 14.6289

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5413, 15.0007, 15.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8198, 14.7115, 14.6289 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, 104, 102) looks like.

```
.text, #text, p{  
    color:rgb(118, 104, 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, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 104, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.8198, 14.7115, 14.6289 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, 104, 102) }
```


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

```
.border{ border-color:rgb(118, 104, 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, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 104,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8198, 14.7115, 14.6289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 104, 102) }
```

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

```
.background{ background-color: rgb(118,  
104, 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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