

Converting Colors

XYZ(14.3206, 14.7116, 15.0200)

Have a look what the booklet for
XYZ(14.3206, 14.7116, 15.0200)
contains.

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Color

**XYZ(14.2843, 14.7321,
14.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	706A67
RGB	112, 106, 103
RGB Percent	44%, 42%, 40%
CMY	0.5608, 0.5843, 0.5961
CMYK	0.00, 0.05, 0.08, 0.56
HSL	20°, 4%, 42%
HSV	20°, 8%, 44%
XYZ	14.2843, 14.7321, 14.9227
YIQ	107.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

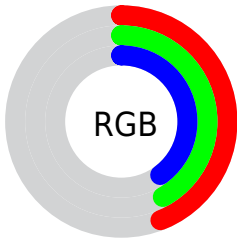
Format	Color
R_{YB}	112, 108, 103
Decimal	7367271
CIE Lab	45.27, 1.76, 2.51
CIE LCh	45, 3.069, 54.996
Yxy	14.7321, 0.3251, 0.3353
Android (android.graphics.Color)	4285557351 (0xFF706A67)
YUV	107.4520, -2.1948, 3.9886
Hunter-Lab	38.3824, -0.7391, 3.8163

Details

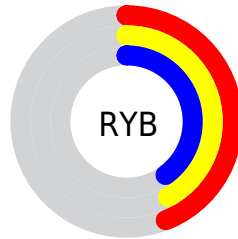
The XYZ color **14.2843, 14.7321, 14.9227** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9867, 14.9904, 17.4856**, and the grayscale version is **14.1061, 14.8407, 16.1615**.

A 20% lighter version of the original color is **33.1995, 34.3395, 35.4502**, and **4.3921, 4.5034, 4.3791** is the 20% darker color. If you saturate the color by 10%, you get **13.0235, 13.0506, 11.9122**, and if you desaturate by 10%, it is **15.6882, 16.5790, 18.3528**.

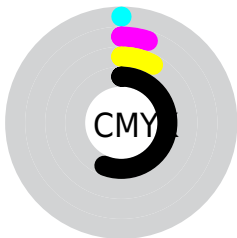
Distribution



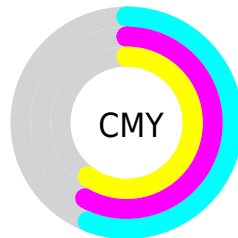
- Red (44%)
- Green (42%)
- Blue (40%)



- Red (44%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2843, 14.7321, 14.9227 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 14.2843, 14.7321, 14.9227 by changing the saturation by 10% instead.

■ 14.2843, 14.7321,
14.9227

■ 14.2843, 14.7321,
14.9227

212.4678,
221.7389, 234.5225

■ 8.4017, 8.6316,
8.6191

■ 33.1747, 34.3825,
35.4579

■ 4.4070, 4.5017,
4.4002

■ 46.9132, 48.7012,
50.5266

■ 1.9349, 1.9580,
1.8474

■ 64.0010, 66.5281,
69.3541

■ 0.5970, 0.5829,
0.4589

■ 84.8036, 88.2475,
92.3590

■ 0.0000, 0.0000,
0.0000

109.6862,
114.2439, 119.9597

139.0141,

144.9017, 152.5748

173.1529,
180.6052, 190.6229

■ 14.2843, 14.7321,
14.9227

■ 14.2843, 14.7321,
14.9227

■ 13.0235, 13.0506,
11.9122

■ 15.6882, 16.5790,
18.3528

■ 11.8999, 11.5279,
9.3042

■ 17.2384, 18.5936,
22.2170

■ 10.9090, 10.1599,
7.0818

■ 18.9397, 20.7810,
26.5300

■ 10.0456, 8.9415,
5.2262

■ 20.7959, 23.1451,
31.3059

■ 9.3040, 7.8674,
3.7176

■ 22.8112, 25.6899,
36.5577

■ 8.6780, 6.9319,
2.5338

■ 24.9891, 28.4192,
42.2984

■ 8.1612, 6.1289,
1.6501

■ 27.3334, 31.3366,
48.5401

■ 7.7458, 5.4517,
1.0385

■ 29.8476, 34.4458,
55.2947

■ 7.4141, 4.8894,
0.6162

■ 32.5351, 37.7503,
62.5736

Harmonies

Analogous

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



14.4495, 14.7321, 15.4573



14.2843, 14.7321, 14.9227



14.0450, 14.7321, 14.6880

Triad

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



14.2843, 14.7321, 14.9227



13.5218, 14.7321, 15.9191



14.2097, 14.7321, 17.3414

Complementary

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



14.2843, 14.7321, 14.9227



13.9867, 14.9904, 17.4856

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.



13.9599, 14.7321, 17.4741



14.2843, 14.7321, 14.9227



13.5647, 14.7321, 16.6387

Square

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



14.2843, 14.7321, 14.9227



13.6064, 14.7321, 15.2521



13.7243, 14.7321, 17.2133



14.4061, 14.7321, 16.8561

Rectangle

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



14.2843, 14.7321, 14.9227



13.8765, 14.7321, 14.7279



13.7243, 14.7321, 17.2133



14.1291, 14.7321, 17.4294

Sweetspot

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



14.2847, 14.7327, 14.9230



26.5392, 27.7870, 29.7306



14.2928, 14.2496, 16.4653



6.3855, 6.6883, 7.1662



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.



14.2847, 14.7327, 14.9230



24.5799, 25.1990, 24.9754



14.7605, 15.6842, 15.0816



3.4670, 3.5666, 3.5790



8.4831, 5.4986, 0.6142



41.5374, 25.9500, 2.8196

Inverse Universe

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



13.9867, 14.9904, 17.4856



23.9208, 25.7687, 30.6429



13.5192, 14.0552, 17.3297



3.3858, 3.6368, 4.2777



6.2402, 7.0707, 18.7575



30.2685, 33.5889, 93.1671

Previews

White Background



This preview shows how the XYZ color 14.2843, 14.7321, 14.9227 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 14.2843, 14.7321, 14.9227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

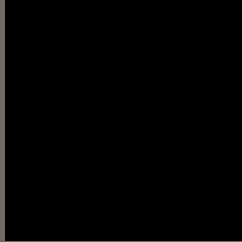
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2843, 14.7321, 14.9227

Background



This preview shows how black text looks on a background with the XYZ color 14.2843, 14.7321, 14.9227.



This preview shows how white text looks on a background with the XYZ color 14.2843, 14.7321,

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

14.2843, 14.7321, 14.9227

Protanopia

14.1363, 14.8097, 14.9455

Deuteranopia

15.0062, 14.8018, 14.8981



Tritanopia

14.8423, 14.8061, 17.6984

Trichromacy



Original Color

14.2843, 14.7321, 14.9227

Protanomaly

14.2614, 14.8742, 14.9513

Deuteranomaly

14.7022, 14.7954, 14.9129

Tritanomaly

14.6219, 14.7180, 16.5382

Monochromacy



Original Color

14.2843, 14.7321, 14.9227

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1659, 14.8072, 15.7471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2843, 14.7321, 14.9227 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, 106, 103)` looks like.

```
.text, #text, p{  
    color:rgb(112, 106, 103)  
}
```

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, 106, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 106, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.2843, 14.7321, 14.9227 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, 106, 103) }
```


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

```
.border{ border-color:rgb(112, 106, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 106, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 106, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 106, 103);  
box-shadow:4px 4px 4px 4px rgb(112, 106,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2843, 14.7321, 14.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 106, 103) }
```

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

```
.background{ background-color: rgb(112,  
106, 103) }
```

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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