

Converting Colors

XYZ(14.4311, 14.4452, 15.9661)

Have a look what the booklet for
XYZ(14.4311, 14.4452, 15.9661)
contains.

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Color

**XYZ(14.4142, 14.4729,
15.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	71686B
RGB	113, 104, 107
RGB Percent	44%, 41%, 42%
CMY	0.5569, 0.5921, 0.5804
CMYK	0.00, 0.08, 0.05, 0.56
HSL	340°, 4%, 43%
HSV	340°, 8%, 44%
XYZ	14.4142, 14.4729, 15.9438
YIQ	107.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

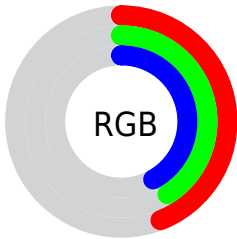
Format	Color
R_{YB}	113, 104, 107
Decimal	7432299
CIE Lab	44.90, 4.12, -0.41
CIE LCh	45, 4.142, 354.320
Yxy	14.4729, 0.3215, 0.3228
Android (android.graphics.Color)	4285622379 (0xFF71686B)
YUV	107.0330, -0.0163, 5.2331
Hunter-Lab	38.0433, 1.0561, 1.7821

Details

The XYZ color **14.4142, 14.4729, 15.9438** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4290, 15.8794, 17.0571**, and the grayscale version is **13.9838, 14.7121, 16.0214**.

A 20% lighter version of the original color is **33.4100, 33.9106, 37.1323**, and **4.4587, 4.3763, 4.8847** is the 20% darker color. If you saturate the color by 10%, you get **12.9729, 12.1972, 13.5921**, and if you desaturate by 10%, it is **16.0433, 17.0686, 18.5290**.

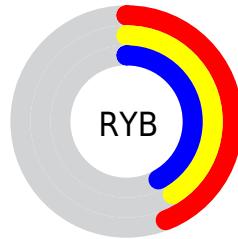
Distribution



Red (44%)

Green (41%)

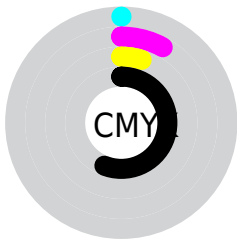
Blue (42%)



Red (44%)

Yellow (41%)

Blue (42%)

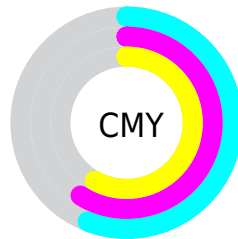


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4142, 14.4729, 15.9438 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 14.4142, 14.4729, 15.9438 by changing the saturation by 10% instead.

■ 14.4142, 14.4729,
15.9438

■ 14.4142, 14.4729,
15.9438

213.2520,
220.1532, 240.8442

■ 8.4929, 8.4503,
9.3305

■ 33.4023, 33.9258,
37.2660

■ 4.4664, 4.3844,
4.8576

■ 47.1999, 48.1249,
52.8120

■ 1.9692, 1.8908,
2.1067

■ 64.3537, 65.8183,
72.1727

■ 0.6166, 0.5429,
0.6197

■ 85.2289, 87.3903,
95.7665

■ 0.0000, 0.0000,
0.0000

110.1910,
113.2254, 124.0120

139.6053,

143.7081, 157.3278

173.8372,
179.2225, 196.1323

■ 14.4142, 14.4729,
15.9438

■ 14.4142, 14.4729,
15.9438

■ 12.9729, 12.1972,
13.5921

■ 16.0433, 17.0686,
18.5290

■ 11.7113, 10.2272,
11.4662

■ 17.8655, 19.9941,
21.3530

■ 10.6225, 8.5503,
9.5596

■ 19.8875, 23.2610,
24.4222

■ 9.6986, 7.1523,
7.8649

■ 22.1152, 26.8802,
27.7426

■ 8.9312, 6.0179,
6.3744

■ 24.5542, 30.8615,
31.3197

■ 8.3109, 5.1303,
5.0797

■ 27.2099, 35.2148,
35.1592

■ 7.8276, 4.4706,
3.9721

■ 30.0878, 39.9495,
39.2662

■ 7.4693, 4.0172,
3.0417

■ 33.1928, 45.0745,
43.6459

■ 7.2044, 3.7084,
2.2718

■ 36.5298, 50.5985,
48.3034

Harmonies

Analogous

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



14.2918, 14.4729, 16.8714



14.4142, 14.4729, 15.9438



14.3580, 14.4729, 15.0030

Triad

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



14.4142, 14.4729, 15.9438



13.4896, 14.4729, 14.1196



13.3798, 14.4729, 17.3223

Complementary

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



14.4142, 14.4729, 15.9438



14.4290, 15.8794, 17.0571

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.



13.1712, 14.4729, 16.5390



14.4142, 14.4729, 15.9438



13.2339, 14.4729, 14.6957

Square

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



14.4142, 14.4729, 15.9438



13.8206, 14.4729, 13.9748



13.1183, 14.4729, 15.5747



13.6917, 14.4729, 17.6879

Rectangle

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



14.4142, 14.4729, 15.9438



14.2272, 14.4729, 14.4913



13.1183, 14.4729, 15.5747



13.2955, 14.4729, 17.0976

Sweetspot

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



14.4146, 14.4735, 15.9441



27.4939, 28.5927, 31.2345



14.3618, 14.4086, 17.6471



6.3695, 6.6303, 7.2411



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.



14.4146, 14.4735, 15.9441



25.1875, 24.9279, 27.5432



14.4119, 14.7161, 15.1784



3.4261, 3.4182, 3.7706



8.1068, 4.1351, 2.3725



40.0202, 20.4534, 9.9046

Inverse Universe

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



14.4146, 14.4735, 15.9441



25.1875, 24.9279, 27.5432



14.4292, 15.6140, 17.8762



3.4261, 3.4182, 3.7706



8.1068, 4.1351, 2.3725



40.0202, 20.4534, 9.9046

Previews

White Background



This preview shows how the XYZ color 14.4142, 14.4729, 15.9438 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 14.4142, 14.4729, 15.9438 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 14.4142, 14.4729, 15.9438

Background



This preview shows how black text looks on a background with the XYZ color 14.4142, 14.4729, 15.9438.



This preview shows how white text looks on a background with the XYZ color 14.4142, 14.4729,

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

14.4142, 14.4729, 15.9438

Protanopia

14.0452, 14.5789, 16.2611

Deuteranopia

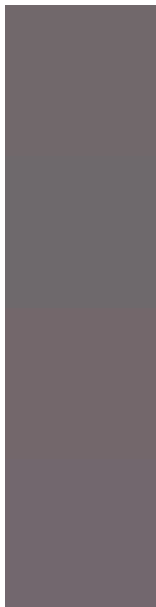
14.7065, 14.4750, 15.9288



Tritanopia

14.6589, 14.4256, 17.0507

Trichromacy



Original Color

14.4142, 14.4729, 15.9438

Protanomaly

14.1888, 14.5009, 16.2385

Deuteranomaly

14.5743, 14.4069, 15.9226

Tritanomaly

14.6042, 14.4037, 16.7623

Monochromacy



Original Color

14.4142, 14.4729, 15.9438

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1146, 14.6208, 15.9881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4142, 14.4729, 15.9438 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, 104, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 104, 107)  
}
```

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, 104, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 104, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.4142, 14.4729, 15.9438 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, 104, 107) }
```


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

```
.border{ border-color:rgb(113, 104, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 104, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 104, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 104, 107);  
box-shadow:4px 4px 4px 4px rgb(113, 104,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4142, 14.4729, 15.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 104, 107) }
```

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

```
.background{ background-color: rgb(113,  
104, 107) }
```

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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