

Converting Colors

XYZ(14.4119, 14.5160, 16.2943)

Have a look what the booklet for
XYZ(14.4119, 14.5160, 16.2943)
contains.

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Color

**XYZ(14.3392, 14.4281,
16.2165)**

Conversions

Conversions Part 1

Format	Color
Hex	70686C
RGB	112, 104, 108
RGB Percent	44%, 41%, 42%
CMY	0.5608, 0.5921, 0.5765
CMYK	0.00, 0.07, 0.04, 0.56
HSL	330°, 4%, 42%
HSV	330°, 7%, 44%
XYZ	14.3392, 14.4281, 16.2165
YIQ	106.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

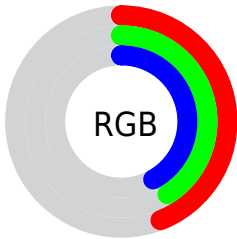
Format	Color
RYB	112, 104, 108
Decimal	7366764
CIELab	44.84, 3.93, -1.12
CIELCh	45, 4.085, 344.145
Yxy	14.4281, 0.3188, 0.3207
Android (android.graphics.Color)	4285556844 (0xFF70686C)
YUV	106.8480, 0.5679, 4.5183
Hunter-Lab	37.9843, 0.9117, 1.2766

Details

The XYZ color **14.3392, 14.4281, 16.2165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2104, 15.6145, 16.4531**, and the grayscale version is **13.9312, 14.6567, 15.9612**.

A 20% lighter version of the original color is **33.2892, 33.8384, 37.5778**, and **4.4198, 4.3532, 5.0222** is the 20% darker color. If you saturate the color by 10%, you get **12.9974, 12.2062, 14.3454**, and if you desaturate by 10%, it is **15.8508, 16.9585, 18.2390**.

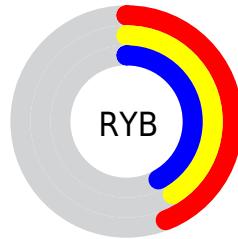
Distribution



Red (44%)

Green (41%)

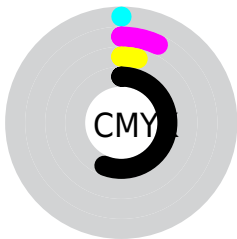
Blue (42%)



Red (44%)

Yellow (41%)

Blue (42%)

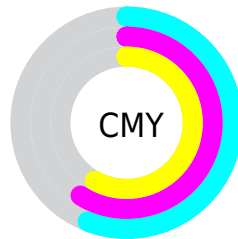


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3392, 14.4281, 16.2165 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 14.3392, 14.4281, 16.2165 by changing the saturation by 10% instead.

■ 14.3392, 14.4281,
16.2165

■ 14.3392, 14.4281,
16.2165

212.7996,
219.8780, 242.5050

■ 8.4402, 8.4190,
9.5215

■ 33.2709, 33.8467,
37.7457

■ 4.4321, 4.3642,
4.9814

■ 47.0344, 48.0250,
53.4169

■ 1.9494, 1.8793,
2.1778

■ 64.1502, 65.6952,
72.9172

■ 0.6053, 0.5359,
0.6615

■ 84.9835, 87.2417,
96.6653

■ 0.0000, 0.0000,
0.0000

109.8997,
113.0488, 125.0795

139.2642,

143.5010, 158.5785

173.4424,
178.9826, 197.5809

■ 14.3392, 14.4281,
16.2165

■ 14.3392, 14.4281,
16.2165

■ 12.9974, 12.2062,
14.3454

■ 15.8508, 16.9585,
18.2390

■ 11.8179, 10.2789,
12.6210

■ 17.5367, 19.8066,
20.4158

■ 10.7944, 8.6344,
11.0396

■ 19.4031, 22.9838,
22.7506

■ 9.9200, 7.2590,
9.5970

■ 21.4552, 26.5001,
25.2468

■ 9.1870, 6.1380,
8.2886

■ 23.6981, 30.3654,
27.9078

■ 8.5869, 5.2554,
7.1097

■ 26.1368, 34.5888,
30.7367

■ 8.1105, 4.5932,
6.0552

■ 28.7760, 39.1794,
33.7366

■ 7.7472, 4.1308,
5.1193

■ 31.6202, 44.1458,
36.9106

■ 7.4702, 3.8156,
4.2909

■ 34.6739, 49.4965,
40.2615

Harmonies

Analogous

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



14.1647, 14.4281, 17.0638



14.3392, 14.4281, 16.2165



14.3443, 14.4281, 15.2655

Triad

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



14.3392, 14.4281, 16.2165



13.5575, 14.4281, 13.9965



13.2588, 14.4281, 17.0229

Complementary

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



14.3392, 14.4281, 16.2165



14.2104, 15.6145, 16.4531

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.



13.1014, 14.4281, 16.1625



14.3392, 14.4281, 16.2165



13.2720, 14.4281, 14.4293

Square

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



14.3392, 14.4281, 16.2165



13.8893, 14.4281, 14.0096



13.1062, 14.4281, 15.2137



13.5391, 14.4281, 17.5421

Rectangle

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



14.3392, 14.4281, 16.2165



14.2507, 14.4281, 14.7020



13.1062, 14.4281, 15.2137



13.1899, 14.4281, 16.7625

Sweetspot

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



14.3396, 14.4287, 16.2168



26.5040, 27.5401, 30.2628



14.0598, 14.2593, 17.3408



6.3777, 6.6336, 7.2842



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.



14.3396, 14.4287, 16.2168



24.6727, 24.4855, 27.7782



14.1316, 14.3455, 15.1216



3.4475, 3.4267, 3.8835



8.5381, 4.3076, 4.6438



42.0968, 21.2840, 20.8397

Inverse Universe

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



14.3396, 14.4287, 16.2168



24.6727, 24.4855, 27.7782



14.4282, 15.7016, 17.5997



3.4475, 3.4267, 3.8835



8.5381, 4.3076, 4.6438



42.0968, 21.2840, 20.8397

Previews

White Background



This preview shows how the XYZ color 14.3392, 14.4281, 16.2165 looks on a white background.

Color Contrast Check

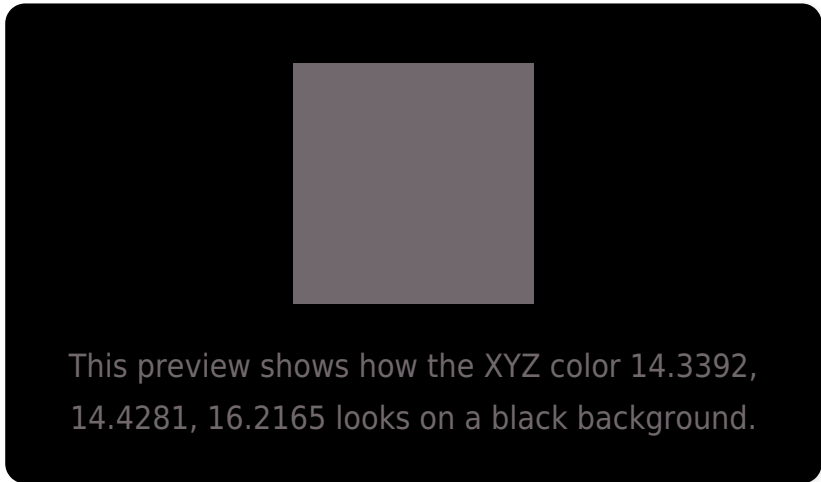
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

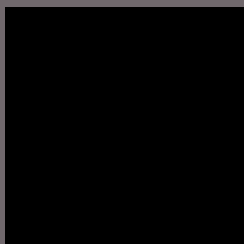
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3392, 14.4281, 16.2165

Background



This preview shows how black text looks on a background with the XYZ color 14.3392, 14.4281, 16.2165.



This preview shows how white text looks on a background with the XYZ color 14.3392, 14.4281,

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

14.3392, 14.4281, 16.2165

Protanopia

13.9778, 14.5380, 16.5374

Deuteranopia

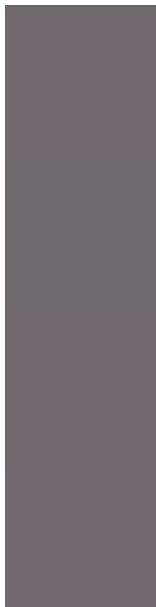
14.6273, 14.4280, 16.2013



Tritanopia

14.5849, 14.3811, 17.3363

Trichromacy



Original Color

14.3392, 14.4281, 16.2165

Protanomaly

14.1186, 14.4585, 16.5146

Deuteranomaly

14.4965, 14.3606, 16.1952

Tritanomaly

14.5295, 14.3589, 17.0447

Monochromacy



Original Color

14.3392, 14.4281, 16.2165

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 14.3392, 14.4281, 16.2165 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, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(112, 104, 108)  
}
```

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, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 104, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.3392, 14.4281, 16.2165 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, 104, 108) }
```


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

```
.border{ border-color:rgb(112, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 104, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 104, 108);  
box-shadow:4px 4px 4px 4px rgb(112, 104,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3392, 14.4281, 16.2165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 104, 108) }
```

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

```
.background{ background-color: rgb(112,  
104, 108) }
```

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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