

Converting Colors

XYZ(13.9171, 15.0002, 16.0034)

Have a look what the booklet for
XYZ(13.9171, 15.0002, 16.0034)
contains.

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Color

**XYZ(13.9482, 15.0021,
16.0705)**

Conversions

Conversions Part 1

Format	Color
Hex	696D6B
RGB	105, 109, 107
RGB Percent	41%, 43%, 42%
CMY	0.5882, 0.5725, 0.5804
CMYK	0.04, 0.00, 0.02, 0.57
HSL	150°, 2%, 42%
HSV	150°, 4%, 43%
XYZ	13.9482, 15.0021, 16.0705
YIQ	107.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

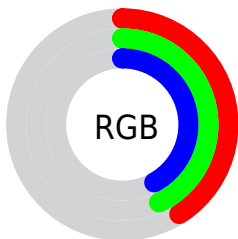
Format	Color
R_{YB}	105, 108, 109
Decimal	6909291
CIE Lab	45.64, -1.94, 0.58
CIE LCh	46, 2.028, 163.498
Yxy	15.0021, 0.3098, 0.3332
Android (android.graphics.Color)	4285099371 (0xFF696D6B)
YUV	107.5760, -0.2840, -2.2592
Hunter-Lab	38.7325, -3.5013, 2.5128

Details

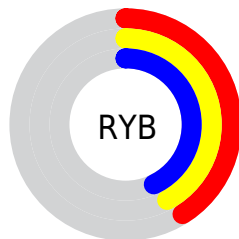
The XYZ color **13.9482, 15.0021, 16.0705** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0127, 14.4163, 15.9547**, and the grayscale version is **14.1368, 14.8730, 16.1967**.

A 20% lighter version of the original color is **32.4527, 34.6782, 37.3309**, and **4.2832, 4.6710, 4.9508** is the 20% darker color. If you saturate the color by 10%, you get **12.4713, 14.2733, 14.5510**, and if you desaturate by 10%, it is **15.6082, 15.8241, 17.6936**.

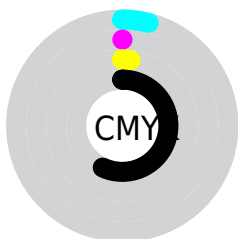
Distribution



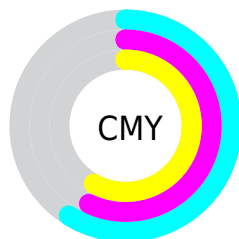
- Red (41%)
- Green (43%)
- Blue (42%)



- Red (41%)
- Yellow (42%)
- Blue (43%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (59%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9482, 15.0021, 16.0705 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 13.9482, 15.0021, 16.0705 by changing the saturation by 10% instead.

■ 13.9482, 15.0021,
16.0705

■ 13.9482, 15.0021,
16.0705

210.4254,
223.3789, 241.6173

■ 8.1661, 8.8209,
9.4192

■ 32.5841, 34.8569,
37.4890

■ 4.2541, 4.6245,
4.9151

■ 46.1687, 49.2992,
53.0933

■ 1.8469, 2.0287,
2.1396

■ 63.0847, 67.2640,
72.5190

■ 0.5457, 0.6241,
0.6392

■ 83.6977, 89.1356,
96.1846

■ 0.0000, 0.0000,
0.0000

108.3729,
115.2986, 124.5087

137.4756,

146.1372, 157.9098

171.3714,
182.0358, 196.8065

■ 13.9482, 15.0021,
16.0705

■ 13.9482, 15.0021,
16.0705

■ 12.4713, 14.2733,
14.5510

■ 15.6082, 15.8241,
17.6936

■ 11.1697, 13.6323,
13.1321

■ 17.4562, 16.7404,
19.4214

■ 10.0368, 13.0763,
11.8121

■ 19.4985, 17.7548,
21.2561

■ 9.0654, 12.6016,
10.5887

■ 21.7407, 18.8700,
23.1994

■ 8.2474, 12.2041,
9.4598

■ 24.1883, 20.0888,
25.2533

■ 7.5742, 11.8793,
8.4230

■ 26.8463, 21.4139,
27.4195

■ 7.0362, 11.6223,
7.4757

■ 29.7199, 22.8478,
29.6998

■ 6.6225, 11.4277,
6.6154

■ 32.8138, 24.3929,
32.0957

■ 6.3172, 11.2872,
5.8392

■ 36.1326, 26.0517,
34.6090

Harmonies

Analogous

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



14.0354, 15.0021, 15.6656



13.9482, 15.0021, 16.0705



13.9438, 15.0021, 16.5540

Triad

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



13.9482, 15.0021, 16.0705



14.3354, 15.0021, 17.2612



14.4973, 15.0021, 15.6994

Complementary

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



13.9482, 15.0021, 16.0705



14.0127, 14.4163, 15.9547

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.



14.5790, 15.0021, 16.1174



13.9482, 15.0021, 16.0705



14.4850, 15.0021, 17.0226

Square

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



13.9482, 15.0021, 16.0705



14.1665, 15.0021, 17.2480



14.5745, 15.0021, 16.6019



14.3520, 15.0021, 15.4543

Rectangle

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



13.9482, 15.0021, 16.0705



13.9884, 15.0021, 16.8564



14.5745, 15.0021, 16.6019



14.5331, 15.0021, 15.8239

Sweetspot

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



13.9486, 15.0027, 16.0708



25.7293, 27.2359, 29.5259



14.0904, 15.0879, 15.5344



5.9930, 6.3408, 6.8765



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.9486, 15.0027, 16.0708



24.8528, 26.8025, 28.6523



14.0516, 15.0439, 16.6131



3.2817, 3.5470, 3.7854



7.1760, 13.1045, 6.2381



36.1264, 66.5976, 29.4761

Inverse Universe

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



14.0127, 14.4163, 15.9547



24.9809, 25.6300, 28.4202



13.9120, 14.3760, 15.4244



3.3002, 3.3782, 3.7520



8.1575, 4.1151, 4.4580



41.1274, 20.7929, 20.4054

Previews

White Background



This preview shows how the XYZ color 13.9482, 15.0021, 16.0705 looks on a white background.

Color Contrast Check

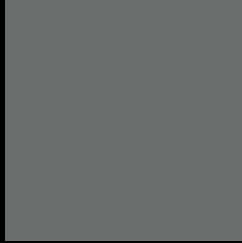
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9482, 15.0021, 16.0705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

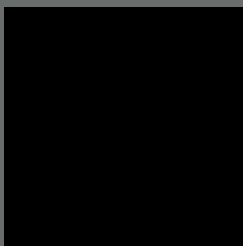
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

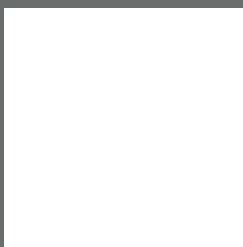
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9482, 15.0021, 16.0705

Background



This preview shows how black text looks on a background with the XYZ color 13.9482, 15.0021, 16.0705.



This preview shows how white text looks on a background with the XYZ color 13.9482, 15.0021,

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

13.9482, 15.0021, 16.0705

Protanopia

14.2896, 14.8710, 15.7529

Deuteranopia

15.2296, 15.0374, 16.2872



Tritanopia

14.4588, 15.0502, 18.6659

Trichromacy



Original Color

13.9482, 15.0021, 16.0705

Protanomaly

14.1484, 14.9539, 15.7764

Deuteranomaly

14.6709, 14.9015, 16.2904

Tritanomaly

14.2871, 14.9815, 17.7615

Monochromacy



Original Color

13.9482, 15.0021, 16.0705

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1327, 14.9336, 16.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9482, 15.0021, 16.0705 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(105, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(105, 109, 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(105, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 109, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.9482, 15.0021, 16.0705 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(105, 109, 107) }
```


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

```
.border{ border-color:rgb(105, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(105, 109,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9482, 15.0021, 16.0705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 109, 107) }
```

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

```
.background{ background-color: rgb(105,  
109, 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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