

Converting Colors

XYZ(15.9934, 17.3809, 22.2346)

Have a look what the booklet for
XYZ(15.9934, 17.3809, 22.2346)
contains.

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Color

**XYZ(16.0700, 17.4665,
22.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	69767E
RGB	105, 118, 126
RGB Percent	41%, 46%, 49%
CMY	0.5882, 0.5372, 0.5059
CMYK	0.17, 0.06, 0.00, 0.51
HSL	203°, 9%, 45%
HSV	203°, 17%, 49%
XYZ	16.0700, 17.4665, 22.2631
YIQ	115.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

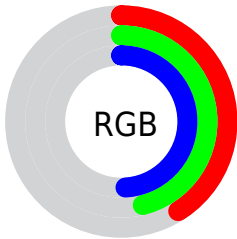
Format	Color
R_{YB}	105, 113, 126
Decimal	6911614
CIE _{Lab}	48.84, -3.01, -6.03
CIE _{LCh}	49, 6.740, 243.431
Yxy	17.4665, 0.2880, 0.3130
Android (android.graphics.Color)	4285101694 (0xFF69767E)
YUV	115.0250, 5.4107, -8.7919
Hunter-Lab	41.7929, -4.5018, -2.3287

Details

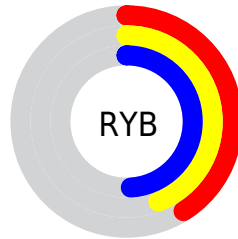
The XYZ color **16.0700, 17.4665, 22.2631** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0592, 17.2656, 15.7983**, and the grayscale version is **16.2900, 17.1384, 18.6637**.

A 20% lighter version of the original color is **36.2217, 39.0720, 48.2804**, and **5.2746, 5.8157, 7.8657** is the 20% darker color. If you saturate the color by 10%, you get **14.1476, 15.6582, 22.0157**, and if you desaturate by 10%, it is **18.2415, 19.4468, 22.5312**.

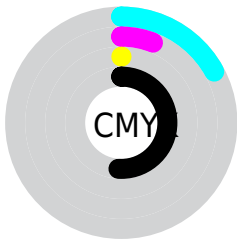
Distribution



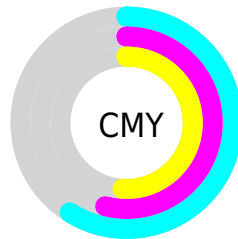
- Red (41%)
- Green (46%)
- Blue (49%)



- Red (41%)
- Yellow (44%)
- Blue (49%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0700, 17.4665, 22.2631 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 16.0700, 17.4665, 22.2631 by changing the saturation by 10% instead.

■ 16.0700, 17.4665,
22.2631

■ 16.0700, 17.4665,
22.2631

223.0167,
237.8465, 276.9154

■ 9.6649, 10.5677,
13.8502

■ 36.2761, 39.1261,
48.0882

■ 5.2379, 5.7769,
7.8790

■ 50.8079, 54.6557,
66.3375

■ 2.4237, 2.7099,
3.9309

■ 68.7792, 73.8310,
88.7026

■ 0.8569, 0.9822,
1.5875

■ 90.5554, 97.0363,
115.6022

■ 0.0000, 0.0000,
0.2819

116.5019,
124.6562, 147.4547

■ 0.0000, 0.0000,
0.0000

146.9841,

157.0749, 184.6787

182.3672,
194.6769, 227.6928

■ 16.0700, 17.4665,
22.2631

■ 16.0700, 17.4665,
22.2631

■ 14.1476, 15.6582,
22.0157

■ 18.2415, 19.4468,
22.5312

■ 12.4628, 14.0140,
21.7871

■ 20.6699, 21.6025,
22.8193

■ 11.0052, 12.5283,
21.5772

■ 23.3648, 23.9394,
23.1283

■ 9.7633, 11.1946,
21.3852

■ 26.3345, 26.4625,
23.4588

■ 8.7243, 10.0055,
21.2104

■ 29.5873, 29.1765,
23.8112

■ 7.8739, 8.9532,
21.0521

■ 33.1307, 32.0861,
24.1860

■ 7.1959, 8.0283,
20.9093

■ 36.9723, 35.1956,
24.5838

■ 6.6588, 7.2141,
20.7805

■ 41.1192, 38.5091,
25.0048

■ 6.4912, 6.9569,
20.7397

■ 45.5782, 42.0310,
25.4495

Harmonies

Analogous

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



15.6192, 17.4665, 20.9766



16.0700, 17.4665, 22.2631



16.6734, 17.4665, 22.6621

Triad

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



16.0700, 17.4665, 22.2631



17.8293, 17.4665, 18.8130



15.9485, 17.4665, 16.2897

Complementary

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



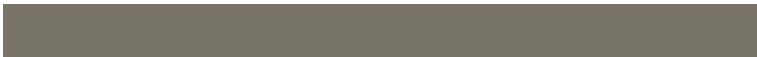
16.0700, 17.4665, 22.2631



17.0592, 17.2656, 15.7983

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.



16.5296, 17.4665, 15.7872



16.0700, 17.4665, 22.2631



17.6239, 17.4665, 17.1854

Square

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



16.0700, 17.4665, 22.2631



17.6988, 17.4665, 20.5983



17.1444, 17.4665, 16.1047



15.5503, 17.4665, 17.5208

Rectangle

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



16.0700, 17.4665, 22.2631



17.0835, 17.4665, 22.3516



17.1444, 17.4665, 16.1047



16.1284, 17.4665, 16.0336

Sweetspot

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



16.0705, 17.4672, 22.2635



32.7408, 34.7976, 39.7353



16.2506, 19.1108, 18.3669



7.3939, 7.8673, 9.0319



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.0705, 17.4672, 22.2635



26.9503, 29.5006, 39.0181



14.9333, 15.1928, 21.8844



4.3131, 4.6202, 5.4777



6.6551, 7.1287, 21.2752



0.0000, 0.0000, 0.0000

Inverse Universe

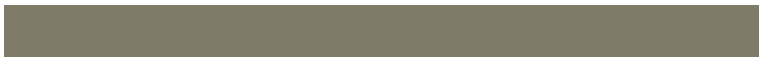
The Inverse Universe completely reimagines the original color for something new.



16.9262, 15.8471, 19.3071



28.7697, 26.1492, 32.7107



18.2621, 19.6715, 16.1993



4.4309, 4.3855, 5.0734



10.2362, 5.1142, 7.8334



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.0700, 17.4665, 22.2631 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 16.0700, 17.4665, 22.2631 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

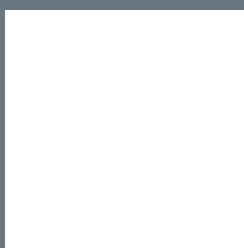
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0700, 17.4665, 22.2631

Background



This preview shows how black text looks on a background with the XYZ color 16.0700, 17.4665, 22.2631.



This preview shows how white text looks on a background with the XYZ color 16.0700, 17.4665,

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

16.0700, 17.4665, 22.2631

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

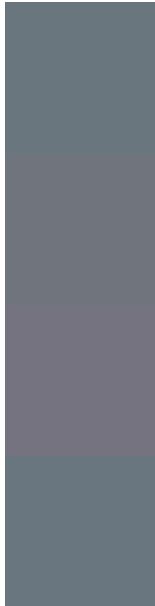
17.7619, 17.4801, 22.5165



Tritanopia

16.1349, 17.4924, 22.6046

Trichromacy



Original Color

16.0700, 17.4665, 22.2631

Protanomaly

16.5026, 17.3510, 21.8813

Deuteranomaly

17.1640, 17.5068, 22.5532

Tritanomaly

16.1349, 17.4924, 22.6046

Monochromacy



Original Color

16.0700, 17.4665, 22.2631

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.1307, 17.2022, 19.9229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0700, 17.4665, 22.2631 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, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(105, 118, 126)  
}
```

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, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 16.0700, 17.4665, 22.2631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

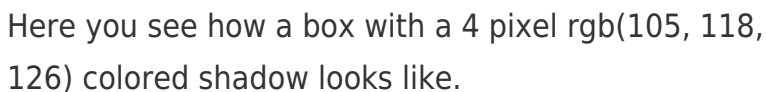
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 118, 126) }
```


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

```
.border{ border-color:rgb(105, 118, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 118, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 118, 126); box-shadow:4px 4px 4px 4px rgb(105, 118, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0700, 17.4665, 22.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 118, 126) }
```

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

```
.background{ background-color: rgb(105,  
118, 126) }
```

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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