

Converting Colors

XYZ(16.8689, 18.5682, 18.6163)

Have a look what the booklet for
XYZ(16.8689, 18.5682, 18.6163)
contains.

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Color

**XYZ(16.8141, 18.4671,
18.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	727972
RGB	114, 121, 114
RGB Percent	45%, 47%, 45%
CMY	0.5529, 0.5255, 0.5529
CMYK	0.06, 0.00, 0.06, 0.53
HSL	120°, 3%, 46%
HSV	120°, 6%, 47%
XYZ	16.8141, 18.4671, 18.5979
YIQ	118.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

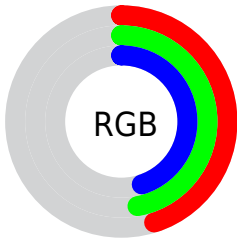
Format	Color
R_{YB}	114, 121, 121
Decimal	7502194
CIE Lab	50.06, -4.05, 2.92
CIE LCh	50, 4.995, 144.162
Yxy	18.4671, 0.3121, 0.3428
Android (android.graphics.Color)	4285692274 (0xFF727972)
YUV	118.1090, -2.0257, -3.6036
Hunter-Lab	42.9734, -5.3621, 4.4220

Details

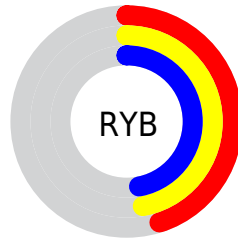
The XYZ color **16.8141, 18.4671, 18.5979** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3544, 17.4806, 20.5496**, and the grayscale version is **17.2611, 18.1600, 19.7762**.

A 20% lighter version of the original color is **37.5524, 40.7473, 41.9622**, and **5.6127, 6.3167, 6.0777** is the 20% darker color. If you saturate the color by 10%, you get **14.6993, 17.4518, 15.1384**, and if you desaturate by 10%, it is **19.2293, 19.6278, 22.5480**.

Distribution



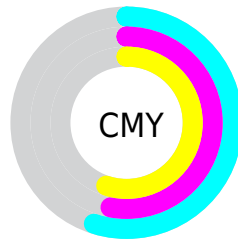
- Red (45%)
- Green (47%)
- Blue (45%)



- Red (45%)
- Yellow (47%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (53%)



- Cyan (55%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8141, 18.4671, 18.5979 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 16.8141, 18.4671, 18.5979 by changing the saturation by 10% instead.

■ 16.8141, 18.4671,
18.5979

■ 16.8141, 18.4671,
18.5979

227.2760,
243.4908, 256.5682

■ 10.1965, 11.2859,
11.2062

■ 37.5520, 40.8317,
41.8811

■ 5.5927, 6.2594,
6.0898

■ 52.4031, 56.7838,
58.6098

■ 2.6373, 3.0035,
2.8301

■ 70.7293, 76.4283,
79.2878

■ 0.9650, 1.1335,
1.0085

■ 92.8961, 100.1496,
104.3339

■ 0.0000, 0.0064,
0.0000

119.2688,
128.3321, 134.1664

■ 0.0000, 0.0000,
0.0000

150.2128,

161.3602, 169.2039

186.0934,
199.6183, 209.8650

■ 16.8141, 18.4671,
18.5979

■ 16.8141, 18.4671,
18.5979

■ 14.6993, 17.4518,
15.1384

■ 19.2293, 19.6278,
22.5480

■ 12.8718, 16.5739,
12.1490

■ 21.9544, 20.9368,
27.0054

■ 11.3195, 15.8283,
9.6100

■ 25.0004, 22.3999,
31.9877

■ 10.0292, 15.2085,
7.4996

■ 28.3773, 24.0220,
37.5112

■ 8.9865, 14.7076,
5.7939

■ 32.0945, 25.8076,
43.5915

■ 8.1754, 14.3181,
4.4673

■ 36.1614, 27.7611,
50.2435

■ 7.5784, 14.0313,
3.4908

■ 40.5866, 29.8868,
57.4818

■ 7.1752, 13.8376,
2.8313

■ 45.3786, 32.1886,
65.3201

■ 6.9295, 13.7196,
2.4293

■ 50.5458, 34.6707,
73.7719

Harmonies

Analogous

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



17.1770, 18.4671, 17.7889



16.8141, 18.4671, 18.5979



16.6493, 18.4671, 19.8396

Triad

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



16.8141, 18.4671, 18.5979



17.4586, 18.4671, 22.8561



18.4089, 18.4671, 19.0439

Complementary

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



16.8141, 18.4671, 18.5979



17.3544, 17.4806, 20.5496

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.



18.4876, 18.4671, 20.3778



16.8141, 18.4671, 18.5979



17.9333, 18.4671, 22.6194

Square

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



16.8141, 18.4671, 18.5979



17.0171, 18.4671, 22.3296



18.3121, 18.4671, 21.6967



18.0989, 18.4671, 18.0380

Rectangle

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



16.8141, 18.4671, 18.5979



16.6718, 18.4671, 20.7618



18.3121, 18.4671, 21.6967



18.4635, 18.4671, 19.4671

Sweetspot

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



16.8146, 18.4679, 18.5983



31.6608, 33.8148, 35.8413



17.7607, 18.9556, 18.6426



7.2543, 7.7390, 8.2198



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.8146, 18.4679, 18.5983



29.5515, 32.8016, 32.3912



17.0178, 18.5492, 19.6682



4.0486, 4.4969, 4.4351



7.3273, 14.6546, 2.4424



34.9519, 69.9038, 11.6506

Inverse Universe

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



17.3544, 17.4806, 20.5496



30.7392, 30.6290, 36.6847



17.1435, 17.3962, 19.4390



4.2135, 4.1954, 5.0309



12.1486, 5.8356, 19.8713



57.9501, 27.8364, 94.7881

Previews

White Background



This preview shows how the XYZ color 16.8141, 18.4671, 18.5979 looks on a white background.

Color Contrast Check

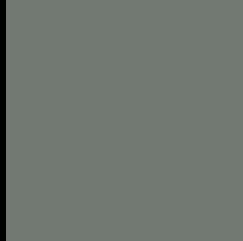
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.8141, 18.4671, 18.5979 looks on a black 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

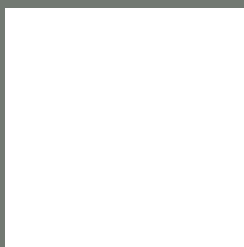
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.8141, 18.4671, 18.5979

Background



This preview shows how black text looks on a background with the XYZ color 16.8141, 18.4671, 18.5979.



This preview shows how white text looks on a background with the XYZ color 16.8141, 18.4671,

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

16.8141, 18.4671, 18.5979

Protanopia

17.6274, 18.3601, 18.2376

Deuteranopia

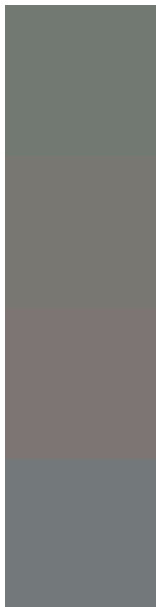
18.7410, 18.4048, 18.7844



Tritanopia

17.6956, 18.4652, 23.0536

Trichromacy



Original Color

16.8141, 18.4671, 18.5979

Protanomaly

17.3232, 18.3790, 18.2573

Deuteranomaly

17.9132, 18.3204, 18.8117

Tritanomaly

17.3619, 18.5078, 21.3962

Monochromacy



Original Color

16.8141, 18.4671, 18.5979

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1438, 18.2599, 19.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8141, 18.4671, 18.5979 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(114, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 121, 114)  
}
```

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(114, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 121, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.8141, 18.4671, 18.5979 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(114, 121, 114) }
```


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

```
.border{ border-color:rgb(114, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 121,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8141, 18.4671, 18.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 121, 114) }
```

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

```
.background{ background-color: rgb(114,  
121, 114) }
```

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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