

Converting Colors

XYZ(17.9946, 18.4594, 21.8022)

Have a look what the booklet for
XYZ(17.9946, 18.4594, 21.8022)
contains.

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Color

**XYZ(18.0017, 18.4771,
21.6864)**

Conversions

Conversions Part 1

Format	Color
Hex	79767C
RGB	121, 118, 124
RGB Percent	47%, 46%, 49%
CMY	0.5255, 0.5372, 0.5137
CMYK	0.02, 0.05, 0.00, 0.51
HSL	270°, 2%, 47%
HSV	270°, 5%, 49%
XYZ	18.0017, 18.4771, 21.6864
YIQ	119.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

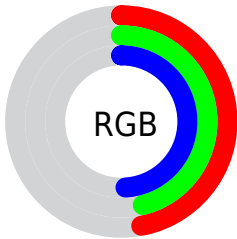
Format	Color
R_{YB}	121, 118, 124
Decimal	7960188
CIE Lab	50.07, 2.36, -2.89
CIE LCh	50, 3.726, 309.248
Yxy	18.4771, 0.3095, 0.3177
Android (android.graphics.Color)	4286150268 (0xFF79767C)
YUV	119.5810, 2.1786, 1.2445
Hunter-Lab	42.9850, -0.4697, 0.1770

Details

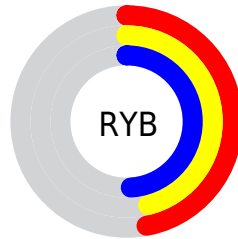
The XYZ color **18.0017, 18.4771, 21.6864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3635, 19.7887, 19.9923**, and the grayscale version is **17.7127, 18.6352, 20.2937**.

A 20% lighter version of the original color is **39.4448, 40.7683, 46.8644**, and **6.2078, 6.3048, 7.5464** is the 20% darker color. If you saturate the color by 10%, you get **15.7951, 15.3129, 21.1922**, and if you desaturate by 10%, it is **20.4572, 22.0557, 22.2480**.

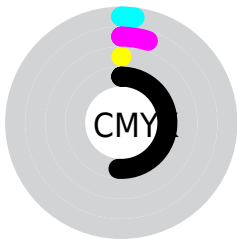
Distribution



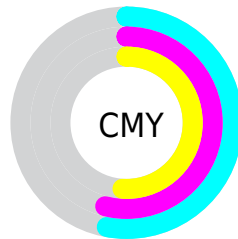
- Red (47%)
- Green (46%)
- Blue (49%)



- Red (47%)
- Yellow (46%)
- Blue (49%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0017, 18.4771, 21.6864 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 18.0017, 18.4771, 21.6864 by changing the saturation by 10% instead.

■ 18.0017, 18.4771,
21.6864

■ 18.0017, 18.4771,
21.6864

233.9260,
243.5466, 273.8040

■ 11.0509, 11.2931,
13.4305

■ 39.5703, 40.8486,
47.1227

■ 6.1686, 6.2643,
7.5915

■ 54.9188, 56.8049,
65.1401

■ 2.9895, 3.0065,
3.7507

■ 73.7972, 76.4541,
87.2486

■ 1.1482, 1.1351,
1.4896

96.5710, 100.1805,
113.8665

■ 0.0649, 0.0077,
0.2102

123.6054,
128.3685, 145.4125

■ 0.0000, 0.0000,
0.0000

155.2658,

161.4027, 182.3050

191.9175,
199.6672, 224.9627

■ 18.0017, 18.4771,
21.6864

■ 18.0017, 18.4771,
21.6864

■ 15.7951, 15.3129,
21.1922

■ 20.4572, 22.0557,
22.2480

■ 13.8275, 12.5453,
20.7617

■ 23.1681, 26.0608,
22.8782

■ 12.0902, 10.1587,
20.3926

■ 26.1426, 30.5072,
23.5796

■ 10.5738, 8.1356,
20.0821

■ 29.3880, 35.4079,
24.3545

■ 9.2679, 6.4570,
19.8269

■ 32.9113, 40.7758,
25.2049

8.1612, 5.1022,
19.6237

36.7194, 46.6229,
26.1328

7.2414, 4.0481,
19.4687

40.8186, 52.9610,
27.1402

6.4944, 3.2684,
19.3576

45.2153, 59.8013,
28.2287

5.8996, 2.7242,
19.2839

49.9157, 67.1548,
29.4004

Harmonies

Analogous

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



17.6730, 18.4771, 22.1306



18.0017, 18.4771, 21.6864



18.2145, 18.4771, 20.8261

Triad

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



18.0017, 18.4771, 21.6864



17.8073, 18.4771, 18.3281



16.8903, 18.4771, 20.4374

Complementary

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



18.0017, 18.4771, 21.6864



18.3635, 19.7887, 19.9923

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.



16.9251, 18.4771, 19.4270



18.0017, 18.4771, 21.6864



17.4514, 18.4771, 18.2320

Square

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



18.0017, 18.4771, 21.6864



18.1012, 18.4771, 18.8950



17.1294, 18.4771, 18.6279



17.0335, 18.4771, 21.3936

Rectangle

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



18.0017, 18.4771, 21.6864



18.2603, 18.4771, 20.1443



17.1294, 18.4771, 18.6279



16.8816, 18.4771, 20.0925

Sweetspot

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



18.0022, 18.4779, 21.6868



33.2743, 34.8299, 38.5257



17.9596, 19.0066, 21.7911



7.8440, 8.2137, 9.0751



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.



18.0022, 18.4779, 21.6868



31.1478, 31.7485, 38.0430



18.4148, 18.6906, 21.7061



4.1137, 4.1886, 5.0348



5.7136, 2.5182, 19.5702



26.2727, 11.5061, 93.3060

Inverse Universe

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



18.2425, 18.6233, 20.7233



31.6824, 32.0721, 35.8988



17.9632, 19.5824, 19.9736



4.1867, 4.2328, 4.7420



9.3334, 4.7095, 5.0465



44.0915, 22.2929, 21.8096

Previews

White Background



This preview shows how the XYZ color 18.0017, 18.4771, 21.6864 looks on a white background.

Color Contrast Check

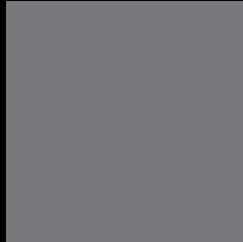
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0017, 18.4771, 21.6864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

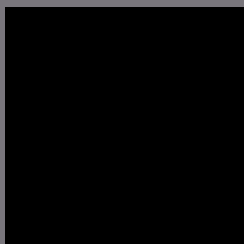
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

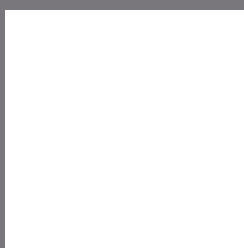
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0017, 18.4771, 21.6864

Background



This preview shows how black text looks on a background with the XYZ color 18.0017, 18.4771, 21.6864.



This preview shows how white text looks on a background with the XYZ color 18.0017, 18.4771,

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

18.0017, 18.4771, 21.6864

Protanopia

17.8623, 18.4052, 21.6799

Deuteranopia

18.7856, 18.5352, 21.6563



Tritanopia

18.1944, 18.5541, 22.7010

Trichromacy



Original Color

18.0017, 18.4771, 21.6864

Protanomaly

17.8623, 18.4052, 21.6799

Deuteranomaly

18.4568, 18.5378, 21.6742

Tritanomaly

18.1295, 18.5282, 22.3594

Monochromacy



Original Color

18.0017, 18.4771, 21.6864

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7937, 18.5672, 20.7352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0017, 18.4771, 21.6864 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(121, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 118, 124)  
}
```

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(121, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.0017, 18.4771, 21.6864 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(121, 118, 124) }
```


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

```
.border{ border-color:rgb(121, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0017, 18.4771, 21.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 118, 124) }
```

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

```
.background{ background-color: rgb(121,  
118, 124) }
```

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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