

Converting Colors

XYZ(17.3759, 18.9924, 21.0161)

Have a look what the booklet for
XYZ(17.3759, 18.9924, 21.0161)
contains.

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Color

**XYZ(17.4059, 19.0818,
21.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	717B7A
RGB	113, 123, 122
RGB Percent	44%, 48%, 48%
CMY	0.5569, 0.5176, 0.5216
CMYK	0.08, 0.00, 0.01, 0.52
HSL	174°, 4%, 46%
HSV	174°, 8%, 48%
XYZ	17.4059, 19.0818, 21.1781
YIQ	119.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

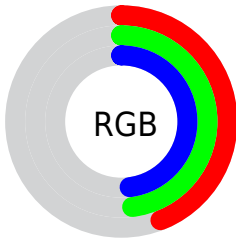
Format	Color
R_{YB}	113, 118, 123
Decimal	7437178
CIE _{Lab}	50.78, -3.92, -0.74
CIE _{LCh}	51, 3.988, 190.643
Yxy	19.0818, 0.3018, 0.3309
Android (android.graphics.Color)	4285627258 (0xFF717B7A)
YUV	119.8960, 1.0373, -6.0478
Hunter-Lab	43.6827, -5.3193, 1.8331

Details

The XYZ color **17.4059, 19.0818, 21.1781** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1115, 17.2367, 18.3457**, and the grayscale version is **17.8179, 18.7458, 20.4142**.

A 20% lighter version of the original color is **38.4870, 41.7153, 46.0678**, and **5.8314, 6.5024, 7.2511** is the 20% darker color. If you saturate the color by 10%, you get **15.8537, 18.2909, 20.7097**, and if you desaturate by 10%, it is **19.1746, 19.9853, 21.6625**.

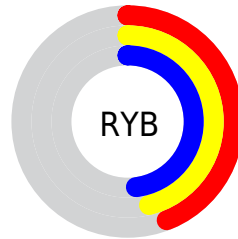
Distribution



Red (44%)

Green (48%)

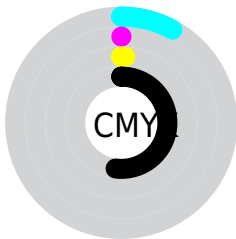
Blue (48%)



Red (44%)

Yellow (46%)

Blue (48%)

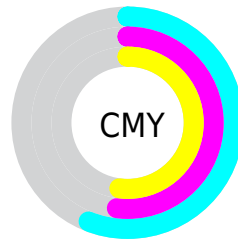


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4059, 19.0818, 21.1781 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 17.4059, 19.0818, 21.1781 by changing the saturation by 10% instead.

■ 17.4059, 19.0818,
21.1781

■ 17.4059, 19.0818,
21.1781

230.6116,
246.9000, 271.0356

■ 10.6214, 11.7294,
13.0617

■ 38.5604, 41.8723,
46.2684

■ 5.8783, 6.5597,
7.3398

■ 53.6612, 58.0791,
64.0794

■ 2.8112, 3.1883,
3.5939

■ 72.2647, 78.0063,
85.9590

■ 1.0547, 1.2308,
1.4053

■ 94.7364, 102.0381,
112.3258

■ 0.0000, 0.0867,
0.1458

121.4415,
130.5590, 143.5983

■ 0.0000, 0.0000,
0.0000

152.7456,

163.9533, 180.1951

189.0138,
202.6055, 222.5347

■ 17.4059, 19.0818,
21.1781

■ 17.4059, 19.0818,
21.1781

■ 15.8537, 18.2909,
20.7097

■ 19.1746, 19.9853,
21.6625

■ 14.5079, 17.6058,
20.2556

■ 21.1664, 21.0031,
22.1620

■ 13.3599, 17.0225,
19.8158

■ 23.3894, 22.1400,
22.6774

■ 12.3998, 16.5360,
19.3898

■ 25.8510, 23.3997,
23.2090

■ 11.6169, 16.1407,
18.9771

■ 28.5581, 24.7860,
23.7573

■ 10.9995, 15.8307,
18.5770

■ 31.5175, 26.3021,
24.3226

■ 10.5344, 15.5990,
18.1891

■ 34.7355, 27.9515,
24.9051

■ 10.2064, 15.4379,
17.8125

■ 38.2184, 29.7373,
25.5052

■ 9.9763, 15.3272,
17.4453

■ 41.9721, 31.6627,
26.1232

Harmonies

Analogous

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



17.4348, 19.0818, 20.0695



17.4059, 19.0818, 21.1781



17.5707, 19.0818, 22.2149

Triad

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



17.4059, 19.0818, 21.1781



18.6321, 19.0818, 22.4583



18.3877, 19.0818, 18.8059

Complementary

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



17.4059, 19.0818, 21.1781



17.1115, 17.2367, 18.3457

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.



18.7147, 19.0818, 19.4022



17.4059, 19.0818, 21.1781



18.8572, 19.0818, 21.5006

Square

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



17.4059, 19.0818, 21.1781



18.2763, 19.0818, 22.9715



18.8876, 19.0818, 20.3807



17.9978, 19.0818, 18.7266

Rectangle

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



17.4059, 19.0818, 21.1781



17.7696, 19.0818, 22.7158



18.8876, 19.0818, 20.3807



18.5087, 19.0818, 18.9515

Sweetspot

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



17.4064, 19.0826, 21.1785



33.0477, 35.1293, 38.4472



17.0254, 18.9476, 18.3831



7.7944, 8.2792, 9.0579



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.



17.4064, 19.0826, 21.1785



30.5494, 33.8543, 37.7437



17.0025, 18.1748, 21.3518



4.0906, 4.5059, 5.0109



10.2760, 15.8340, 17.9700



48.8386, 75.4585, 84.7770

Inverse Universe

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



17.1115, 17.2367, 18.3457



29.8931, 29.7463, 31.4397



17.4916, 18.0877, 18.1925



4.0131, 4.0210, 4.2668



8.5197, 4.3840, 0.7619



40.4867, 20.8510, 2.8272

Previews

White Background



This preview shows how the XYZ color 17.4059, 19.0818, 21.1781 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 17.4059, 19.0818, 21.1781 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

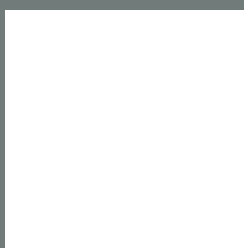
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4059, 19.0818, 21.1781

Background



This preview shows how black text looks on a background with the XYZ color 17.4059, 19.0818, 21.1781.



This preview shows how white text looks on a background with the XYZ color 17.4059, 19.0818,

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

17.4059, 19.0818, 21.1781

Protanopia

18.2750, 19.0000, 20.4735

Deuteranopia

19.2965, 18.9779, 21.3850



Tritanopia

18.1265, 19.2026, 24.2238

Trichromacy



Original Color

17.4059, 19.0818, 21.1781

Protanomaly

17.8963, 18.9772, 20.8089

Deuteranomaly

18.4842, 18.9088, 21.4144

Tritanomaly

17.7952, 19.0550, 23.1621

Monochromacy



Original Color

17.4059, 19.0818, 21.1781

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6247, 18.8371, 20.7962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4059, 19.0818, 21.1781 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(113, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(113, 123, 122)  
}
```

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(113, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 123, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.4059, 19.0818, 21.1781 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(113, 123, 122) }
```


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

```
.border{ border-color:rgb(113, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(113, 123,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4059, 19.0818, 21.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 123, 122) }
```

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

```
.background{ background-color: rgb(113,  
123, 122) }
```

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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