

Converting Colors

XYZ(18.5252, 19.2587, 21.4750)

Have a look what the booklet for
XYZ(18.5252, 19.2587, 21.4750)
contains.

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Color

**XYZ(18.5809, 19.3158,
21.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	7B797B
RGB	123, 121, 123
RGB Percent	48%, 47%, 48%
CMY	0.5176, 0.5255, 0.5176
CMYK	0.00, 0.02, 0.00, 0.52
HSL	300°, 1%, 48%
HSV	300°, 2%, 48%
XYZ	18.5809, 19.3158, 21.4879
YIQ	121.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

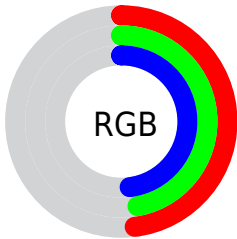
Format	Color
RYB	123, 121, 123
Decimal	8092027
CIELab	51.05, 1.16, -0.83
CIELCh	51, 1.426, 324.398
Yxy	19.3158, 0.3129, 0.3253
Android (android.graphics.Color)	4286282107 (0xFF7B797B)
YUV	121.8260, 0.5788, 1.0296
Hunter-Lab	43.9497, -1.4465, 1.7768

Details

The XYZ color **18.5809, 19.3158, 21.4879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4201, 19.6119, 20.9049**, and the grayscale version is **18.4405, 19.4008, 21.1275**.

A 20% lighter version of the original color is **40.3606, 42.0962, 46.5556**, and **6.4426, 6.7153, 7.4352** is the 20% darker color. If you saturate the color by 10%, you get **17.1805, 16.5150, 21.0214**, and if you desaturate by 10%, it is **20.1730, 22.4995, 22.0188**.

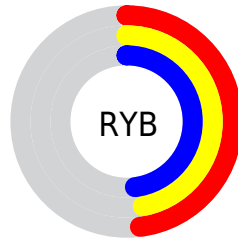
Distribution



Red (48%)

Green (47%)

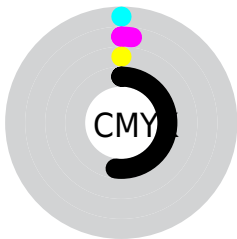
Blue (48%)



Red (48%)

Yellow (47%)

Blue (48%)

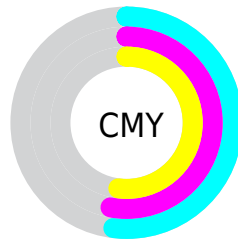


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5809, 19.3158, 21.4879 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 18.5809, 19.3158, 21.4879 by changing the saturation by 10% instead.

■ 18.5809, 19.3158,
21.4879

■ 18.5809, 19.3158,
21.4879

237.1080,
248.1866, 272.7259

■ 11.4700, 11.8987,
13.2864

■ 40.5471, 42.2670,
46.7894

■ 6.4535, 6.6747,
7.4930

■ 56.1331, 58.5700,
64.7265

■ 3.1660, 3.2595,
3.6892

■ 75.2749, 78.6036,
86.7459

■ 1.2422, 1.2687,
1.4564

98.3379, 102.7524,
113.2661

■ 0.1393, 0.1168,
0.1852

125.6873,
131.4007, 144.7056

■ 0.0000, 0.0000,
0.0000

157.6885,

164.9329, 181.4831

194.7070,
203.7334, 224.0170

■ 18.5809, 19.3158,
21.4879

■ 18.5809, 19.3158,
21.4879

■ 17.1805, 16.5150,
21.0214

■ 20.1730, 22.4995,
22.0188

■ 15.9629, 14.0803,
20.6156

■ 21.9620, 26.0771,
22.6150

■ 14.9213, 11.9974,
20.2685

■ 23.9548, 30.0623,
23.2792

■ 14.0474, 10.2499,
19.9772

■ 26.1576, 34.4674,
24.0134

■ 13.3324, 8.8203,
19.7390

■ 28.5762, 39.3043,
24.8196

■ 12.7669, 7.6896,
19.5505

■ 31.2163, 44.5842,
25.6995

■ 12.3402, 6.8366,
19.4084

■ 34.0833, 50.3180,
26.6551

■ 12.0403, 6.2372,
19.3085

■ 37.1826, 56.5162,
27.6882

■ 11.8534, 5.8636,
19.2462

■ 40.5192, 63.1890,
28.8003

Harmonies

Analogous

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



18.4716, 19.3158, 21.7483



18.5809, 19.3158, 21.4879



18.6308, 19.3158, 21.1077

Triad

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



18.5809, 19.3158, 21.4879



18.3856, 19.3158, 20.2666



18.1127, 19.3158, 21.3547

Complementary

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



18.5809, 19.3158, 21.4879



18.4201, 19.6119, 20.9049

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.



18.0900, 19.3158, 20.9557



18.5809, 19.3158, 21.4879



18.2471, 19.3158, 20.3309

Square

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



18.5809, 19.3158, 21.4879



18.5177, 19.3158, 20.4052



18.1390, 19.3158, 20.5819



18.2014, 19.3158, 21.6707

Rectangle

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



18.5809, 19.3158, 21.4879



18.6235, 19.3158, 20.8387



18.1390, 19.3158, 20.5819



18.0972, 19.3158, 21.2257

Sweetspot

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



18.5814, 19.3166, 21.4883



33.7135, 35.4692, 38.6260



18.3026, 19.1789, 21.4764



7.9400, 8.3535, 9.0970



60.6688, 63.8283, 69.5090

Same Dimension

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



18.5814, 19.3166, 21.4883



33.1606, 34.3637, 38.4417



18.5213, 19.2926, 21.1715



4.3991, 4.5667, 5.0928



12.1462, 5.8343, 19.8713



57.9378, 27.8300, 94.7879

Inverse Universe

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



18.4577, 19.2671, 20.8364



32.8818, 34.2521, 36.9727



18.4796, 19.6357, 21.2183



4.3664, 4.5537, 4.9205



8.4502, 4.3562, 0.3959



40.3082, 20.7796, 1.8874

Previews

White Background



This preview shows how the XYZ color 18.5809, 19.3158, 21.4879 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 18.5809, 19.3158, 21.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

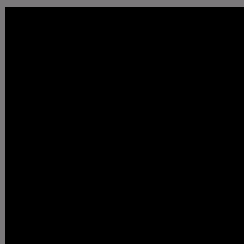
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

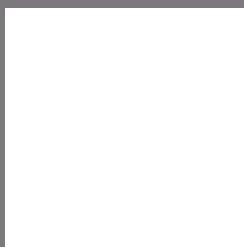
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5809, 19.3158, 21.4879

Background



This preview shows how black text looks on a background with the XYZ color 18.5809, 19.3158, 21.4879.



This preview shows how white text looks on a background with the XYZ color 18.5809, 19.3158,

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

18.5809, 19.3158, 21.4879

Protanopia

18.5809, 19.3158, 21.4879

Deuteranopia

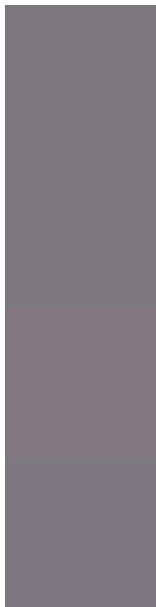
19.6322, 19.3176, 21.7627



Tritanopia

18.9911, 19.3030, 23.4938

Trichromacy



Original Color

18.5809, 19.3158, 21.4879

Protanomaly

18.5809, 19.3158, 21.4879

Deuteranomaly

19.2882, 19.3160, 21.7805

Tritanomaly

18.8594, 19.2503, 22.8004

Monochromacy



Original Color

18.5809, 19.3158, 21.4879

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4984, 19.4618, 21.1939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5809, 19.3158, 21.4879 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(123, 121, 123) looks like.

```
.text, #text, p{  
    color:rgb(123, 121, 123)  
}
```

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(123, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 121, 123) }
```

Border

The CSS property to change the border of an element to XYZ 18.5809, 19.3158, 21.4879 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(123, 121, 123) }
```

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

```
.border{ border-color:rgb(123, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 121,  
123) }
```


Background

The CSS property to change the background color of an element to XYZ 18.5809, 19.3158, 21.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 121, 123) }
```

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

```
.background{ background-color: rgb(123,  
121, 123) }
```

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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