

Converting Colors

XYZ(17.9798, 18.9622, 19.4613)

Have a look what the booklet for
XYZ(17.9798, 18.9622, 19.4613)
contains.

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Color

**XYZ(18.0743, 19.0967,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7975
RGB	122, 121, 117
RGB Percent	48%, 47%, 46%
CMY	0.5216, 0.5255, 0.5412
CMYK	0.00, 0.01, 0.04, 0.52
HSL	48°, 2%, 47%
HSV	48°, 4%, 48%
XYZ	18.0743, 19.0967, 19.5630
YIQ	120.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

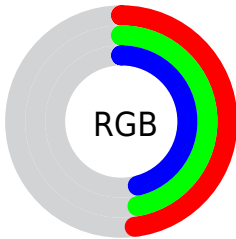
Format	Color
R_{YB}	118, 122, 117
Decimal	8026485
CIE Lab	50.80, -0.41, 2.32
CIE LCh	51, 2.353, 99.920
Yxy	19.0967, 0.3186, 0.3366
Android (android.graphics.Color)	4286216565 (0xFF7A7975)
YUV	120.8430, -1.8946, 1.0147
Hunter-Lab	43.6998, -2.6467, 4.0476

Details

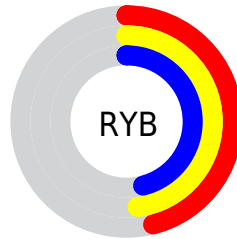
The XYZ color **18.0743, 19.0967, 19.5630** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3273, 18.1436, 21.0014**, and the grayscale version is **18.1292, 19.0734, 20.7709**.

A 20% lighter version of the original color is **39.5606, 41.7504, 43.5097**, and **6.2044, 6.6112, 6.5793** is the 20% darker color. If you saturate the color by 10%, you get **17.1114, 18.2448, 15.9307**, and if you desaturate by 10%, it is **19.1393, 20.0026, 23.6911**.

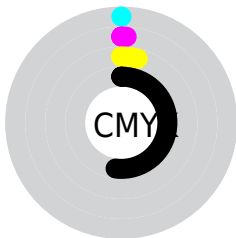
Distribution



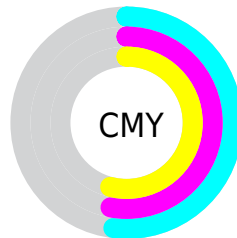
- Red (48%)
- Green (47%)
- Blue (46%)



- Red (46%)
- Yellow (48%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0743, 19.0967, 19.5630 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 18.0743, 19.0967, 19.5630 by changing the saturation by 10% instead.

■ 18.0743, 19.0967,
19.5630

■ 18.0743, 19.0967,
19.5630

234.3270,
246.9821, 262.0650

■ 11.1034, 11.7402,
11.8969

■ 39.6930, 41.8974,
43.5326

■ 6.2042, 6.5670,
6.5518

■ 55.0714, 58.1104,
60.6731

■ 3.0115, 3.1928,
3.1093

■ 73.9831, 78.0444,
81.8089

■ 1.1598, 1.2332,
1.1507

96.7933, 102.0837,
107.3584

■ 0.0743, 0.0886,
0.0000

123.8675,
130.6127, 137.7403

■ 0.0000, 0.0000,
0.0000

155.5709,

164.0158, 173.3729

192.2689,
202.6775, 214.6750

■ 18.0743, 19.0967,
19.5630

■ 18.0743, 19.0967,
19.5630

■ 17.1114, 18.2448,
15.9307

■ 19.1393, 20.0026,
23.6911

■ 16.2453, 17.4429,
12.7740

■ 20.3081, 20.9614,
28.3316

■ 15.4727, 16.6902,
10.0733

■ 21.5847, 21.9754,
33.5020

■ 14.7894, 15.9848,
7.8069

■ 22.9721, 23.0460,
39.2184

■ 14.1909, 15.3250,
5.9515

■ 24.4733, 24.1744,
45.4963

■ 13.6724, 14.7087,
4.4817

■ 26.0912, 25.3618,
52.3507

■ 13.2284, 14.1336,
3.3690

■ 27.8287, 26.6094,
59.7960

■ 12.8527, 13.5971,
2.5813

■ 29.6882, 27.9185,
67.8458

■ 12.5368, 13.0958,
2.0737

■ 31.6725, 29.2900,
76.5136

Harmonies

Analogous

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



18.3040, 19.0967, 19.6191



18.0743, 19.0967, 19.5630



17.8668, 19.0967, 19.8311

Triad

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



18.0743, 19.0967, 19.5630



17.8118, 19.0967, 21.6215



18.5719, 19.0967, 21.2336

Complementary

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



18.0743, 19.0967, 19.5630



17.3273, 18.1436, 21.0014

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.



18.4378, 19.0967, 21.7857



18.0743, 19.0967, 19.5630



17.9985, 19.0967, 22.0129

Square

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



18.0743, 19.0967, 19.5630



17.7161, 19.0967, 21.0133



18.2276, 19.0967, 22.0736



18.5926, 19.0967, 20.5743

Rectangle

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



18.0743, 19.0967, 19.5630



17.7686, 19.0967, 20.1609



18.2276, 19.0967, 22.0736



18.5386, 19.0967, 21.4383

Sweetspot

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



18.0748, 19.0975, 19.5634



32.3552, 34.0775, 36.5557



17.6576, 18.1684, 19.7160



7.4013, 7.7946, 8.3710



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.



18.0748, 19.0975, 19.5634



31.6174, 33.4404, 33.7248



17.9859, 19.2326, 19.5942



4.3290, 4.5801, 4.5962



13.0095, 13.4750, 1.9153



61.4491, 63.0616, 8.9334

Inverse Universe

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



17.3273, 18.1436, 21.0014



29.9850, 31.3571, 36.8651



17.4137, 18.0146, 20.9719



4.0915, 4.2770, 5.0531



4.0445, 2.1715, 19.5913



18.7983, 9.3692, 93.2874

Previews

White Background



This preview shows how the XYZ color 18.0743, 19.0967, 19.5630 looks on a white background.

Color Contrast Check

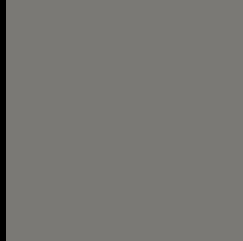
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0743, 19.0967, 19.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

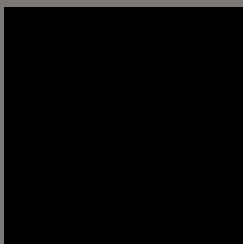
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

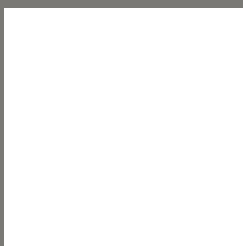
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0743, 19.0967, 19.5630

Background



This preview shows how black text looks on a background with the XYZ color 18.0743, 19.0967, 19.5630.



This preview shows how white text looks on a background with the XYZ color 18.0743, 19.0967,

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

18.0743, 19.0967, 19.5630

Protanopia

18.2395, 19.0024, 19.5361

Deuteranopia

19.4628, 19.0989, 19.8002



Tritanopia

18.8715, 19.0637, 23.4539

Trichromacy



Original Color

18.0743, 19.0967, 19.5630

Protanomaly

18.0957, 18.9282, 19.5294

Deuteranomaly

18.9544, 19.0107, 19.8100

Tritanomaly

18.5865, 19.1246, 22.1138

Monochromacy



Original Color

18.0743, 19.0967, 19.5630

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1127, 19.0958, 20.5005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0743, 19.0967, 19.5630 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(122, 121, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 117)  
}
```

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(122, 121, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.0743, 19.0967, 19.5630 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(122, 121, 117) }
```


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

```
.border{ border-color:rgb(122, 121, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0743, 19.0967, 19.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 117) }
```

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

```
.background{ background-color: rgb(122,  
121, 117) }
```

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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