

Converting Colors

XYZ(18.7894, 19.0542, 13.9968)

Have a look what the booklet for
XYZ(18.7894, 19.0542, 13.9968)
contains.

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Color

**XYZ(18.7894, 19.0542,
13.9968)**

Conversions

Conversions Part 1

Format	Color
Hex	887661
RGB	136, 118, 97
RGB Percent	53%, 46%, 38%
CMY	0.4667, 0.5372, 0.6196
CMYK	0.00, 0.13, 0.29, 0.47
HSL	32°, 17%, 46%
HSV	32°, 29%, 53%
XYZ	18.7894, 19.0542, 13.9968
YIQ	120.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

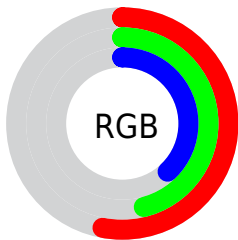
Format	Color
R_{YB}	130, 136, 97
Decimal	8943201
CIE _{Lab}	50.75, 3.55, 14.15
CIE _{LCh}	51, 14.588, 75.910
Yxy	19.0542, 0.3624, 0.3676
Android (android.graphics.Color)	4287133281 (0xFF887661)
YUV	120.9880, -11.8261, 13.1655
Hunter-Lab	43.6511, 0.4450, 11.5443

Details


The XYZ color **18.7894, 19.0542, 13.9968** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5042, 16.5798, 25.6755**, and the grayscale version is **18.2035, 19.1515, 20.8560**.

A 20% lighter version of the original color is **40.9552, 41.8347, 33.9333**, and **6.5340, 6.5506, 4.0520** is the 20% darker color. If you saturate the color by 10%, you get **17.4944, 17.3934, 10.7003**, and if you desaturate by 10%, it is **20.2433, 20.8586, 17.8832**.

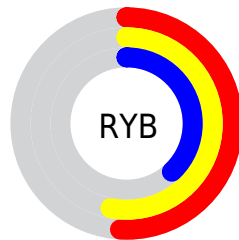
Distribution



 Red (53%)

 Green (46%)

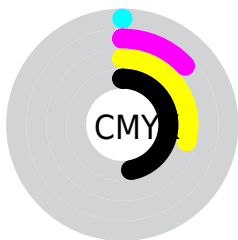
 Blue (38%)




 Red (51%)

 Yellow (53%)

 Blue (38%)

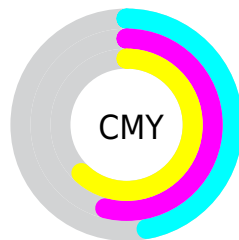


 Cyan (0%)

 Magenta (13%)

 Yellow (29%)

 Black (47%)



 Cyan (47%)

 Magenta (54%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7894, 19.0542, 13.9968 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 18.7894, 19.0542, 13.9968 by changing the saturation by 10% instead.

■ 18.7894, 19.0542,
13.9968

■ 18.7894, 19.0542,
13.9968

238.2441,
246.7478, 228.6387

■ 11.6213, 11.7094,
7.9797

■ 40.8976, 41.8257,
33.8004

■ 6.5567, 6.5462,
3.9944

■ 56.5683, 58.0212,
48.4240

■ 3.2303, 3.1799,
1.6223

■ 75.8041, 77.9357,
66.7535

■ 1.2767, 1.2264,
0.3066

■ 98.9701, 101.9537,
89.2075

■ 0.1657, 0.0831,
0.0000

126.4317,
130.4595, 116.2044

■ 0.0000, 0.0000,
0.0000

158.5544,

163.8375, 148.1629

195.7034,
202.4722, 185.5015

■ 18.7894, 19.0542,
13.9968

■ 18.7894, 19.0542,
13.9968

■ 17.4944, 17.3934,
10.7003

■ 20.2433, 20.8586,
17.8832

■ 16.3503, 15.8695,
7.9629

■ 21.8608, 22.8079,
22.3857

■ 15.3506, 14.4789,
5.7529

■ 23.6480, 24.9067,
27.5304

■ 14.4877, 13.2171,
4.0349

■ 25.6103, 27.1586,
33.3415

■ 13.7530, 12.0788,
2.7691

■ 27.7529, 29.5669,
39.8420

■ 13.1367, 11.0585,
1.9092

■ 30.0808, 32.1351,
47.0538

■ 12.6169, 10.1456,
1.3450

■ 32.5987, 34.8662,
54.9977

■ 12.5518, 10.0313,
1.2747

■ 35.3110, 37.7634,
63.6937

■ 38.2223, 40.8297,
73.1612

Harmonies

Analogous

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



20.0956, 19.0542, 15.5804



18.7894, 19.0542, 13.9968



17.3657, 19.0542, 14.0468

Triad

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



18.7894, 19.0542, 13.9968



15.5882, 19.0542, 22.9856



20.1620, 19.0542, 26.7347

Complementary

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



18.7894, 19.0542, 13.9968



15.5042, 16.5798, 25.6755

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.



18.8762, 19.0542, 29.2967



18.7894, 19.0542, 13.9968



16.2605, 19.0542, 26.9451

Square

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



18.7894, 19.0542, 13.9968



15.5678, 19.0542, 18.8848



17.4480, 19.0542, 29.3784



20.9159, 19.0542, 22.7273

Rectangle

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



18.7894, 19.0542, 13.9968



16.5423, 19.0542, 14.9903



17.4480, 19.0542, 29.3784



19.7747, 19.0542, 27.8154

Sweetspot

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



18.7899, 19.0551, 13.9972



38.3700, 40.0095, 39.0105



17.5342, 15.0262, 18.2564



8.7974, 9.1600, 8.7843



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.7899, 19.0551, 13.9972



31.6970, 31.7763, 21.0246



20.9053, 23.5973, 14.7625



5.2413, 5.4655, 5.3311



11.8893, 9.5131, 1.2096



0.0937, 0.0925, 0.0129

Inverse Universe

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



15.5042, 16.5798, 25.6755



24.9836, 26.7198, 44.8890



13.7883, 12.9406, 25.0635



4.9524, 5.2477, 6.3577



5.8849, 5.0400, 22.7083



0.0535, 0.0623, 0.1557

Previews

White Background



This preview shows how the XYZ color 18.7894, 19.0542, 13.9968 looks on a white background.

Color Contrast Check

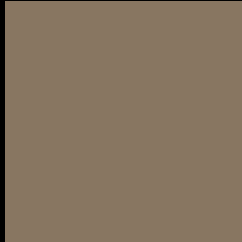
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7894, 19.0542, 13.9968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

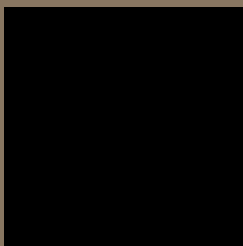
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

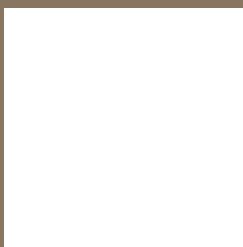
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7894, 19.0542, 13.9968

Background



This preview shows how black text looks on a background with the XYZ color 18.7894, 19.0542, 13.9968.



This preview shows how white text looks on a background with the XYZ color 18.7894, 19.0542,

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

18.7894, 19.0542, 13.9968

Protanopia

17.9441, 19.1458, 14.3050

Deuteranopia

19.3876, 19.0166, 13.9580



Tritanopia

20.2399, 18.9537, 21.3306

Trichromacy



Original Color

18.7894, 19.0542, 13.9968

Protanomaly

18.2811, 19.1401, 14.2862

Deuteranomaly

19.1664, 19.0746, 13.9809

Tritanomaly

19.6492, 18.8796, 18.5281

Monochromacy



Original Color

18.7894, 19.0542, 13.9968

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.2453, 19.0384, 18.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7894, 19.0542, 13.9968 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(136, 118, 97) looks like.

```
.text, #text, p{  
    color:rgb(136, 118, 97)  
}
```

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(136, 118, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 118, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.7894, 19.0542, 13.9968 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(136, 118, 97) }
```


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

```
.border{ border-color:rgb(136, 118, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 118, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 118, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 118, 97);  
box-shadow:4px 4px 4px 4px rgb(136, 118,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7894, 19.0542, 13.9968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 118, 97) }
```

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

```
.background{ background-color: rgb(136,  
118, 97) }
```

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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