

Converting Colors

XYZ(18.9011, 19.7971, 14.2025)

Have a look what the booklet for
XYZ(18.9011, 19.7971, 14.2025)
contains.

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Color

**XYZ(18.9487, 19.8505,
14.1421)**

Conversions

Conversions Part 1

Format	Color
Hex	867A61
RGB	134, 122, 97
RGB Percent	53%, 48%, 38%
CMY	0.4745, 0.5216, 0.6196
CMYK	0.00, 0.09, 0.28, 0.47
HSL	41°, 16%, 45%
HSV	41°, 28%, 53%
XYZ	18.9487, 19.8505, 14.1421
YIQ	122.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

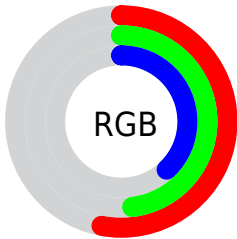
Format	Color
RYB	115, 134, 97
Decimal	8813153
CIELab	51.67, 0.42, 15.38
CIELCh	52, 15.389, 88.440
Yxy	19.8505, 0.3579, 0.3750
Android (android.graphics.Color)	4287003233 (0xFF867A61)
YUV	122.7380, -12.6888, 9.8768
Hunter-Lab	44.5539, -2.0536, 12.3682

Details

The XYZ color **18.9487, 19.8505, 14.1421** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7013, 15.1994, 24.7132**, and the grayscale version is **18.7778, 19.7557, 21.5140**.

A 20% lighter version of the original color is **41.2204, 43.1016, 34.1639**, and **6.6807, 7.0127, 4.0191** is the 20% darker color. If you saturate the color by 10%, you get **17.8545, 18.5789, 10.9509**, and if you desaturate by 10%, it is **20.1734, 21.2139, 17.8981**.

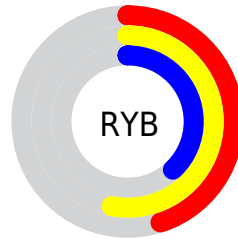
Distribution



Red (53%)

Green (48%)

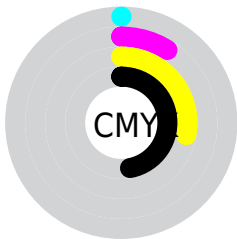
Blue (38%)



Red (45%)

Yellow (53%)

Blue (38%)

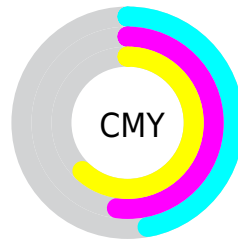


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9487, 19.8505, 14.1421 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 18.9487, 19.8505, 14.1421 by changing the saturation by 10% instead.

■ 18.9487, 19.8505,
14.1421

■ 18.9487, 19.8505,
14.1421

239.1090,
251.1046, 229.5721

■ 11.7370, 12.2864,
8.0797

■ 41.1649, 43.1664,
34.0617

■ 6.6358, 6.9391,
4.0575

■ 56.9002, 59.6870,
48.7560

■ 3.2797, 3.4240,
1.6569

■ 76.2073, 79.9619,
67.1646

■ 1.3033, 1.3569,
0.3310

■ 99.4517, 104.3755,
89.7061

■ 0.1857, 0.1846,
0.0000

126.9987,
133.3122, 116.7991

■ 0.0000, 0.0000,
0.0000

159.2137,

167.1563, 148.8621

196.4620,
206.2923, 186.3136

■ 18.9487, 19.8505,
14.1421

■ 18.9487, 19.8505,
14.1421

■ 17.8545, 18.5789,
10.9509

■ 20.1734, 21.2139,
17.8981

■ 16.8836, 17.3936,
8.2951

■ 21.5322, 22.6688,
22.2436

■ 16.0305, 16.2926,
6.1448

■ 23.0306, 24.2188,
27.2035

■ 15.2884, 15.2726,
4.4664

■ 24.6732, 25.8660,
32.8008

■ 14.6500, 14.3303,
3.2223

■ 26.4644, 27.6127,
39.0574

■ 14.1066, 13.4615,
2.3689

■ 28.4086, 29.4610,
45.9941

■ 13.6408, 12.6589,
1.8164

■ 30.5096, 31.4131,
53.6308

■ 13.5345, 12.4743,
1.6944

■ 32.7713, 33.4709,
61.9866

■ 35.1976, 35.6362,
71.0796

Harmonies

Analogous

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



20.4739, 19.8505, 15.1146



18.9487, 19.8505, 14.1421



17.4805, 19.8505, 14.9319

Triad

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



18.9487, 19.8505, 14.1421



16.3613, 19.8505, 25.9482



21.5280, 19.8505, 26.4063

Complementary

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



18.9487, 19.8505, 14.1421



14.7013, 15.1994, 24.7132

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.



20.3256, 19.8505, 30.0402



18.9487, 19.8505, 14.1421



17.3471, 19.8505, 29.7512

Square

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



18.9487, 19.8505, 14.1421



16.0368, 19.8505, 21.3819



18.7861, 19.8505, 31.3400



22.0127, 19.8505, 21.8474

Rectangle

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



18.9487, 19.8505, 14.1421



16.7198, 19.8505, 16.4220



18.7861, 19.8505, 31.3400



21.1912, 19.8505, 27.7986

Sweetspot

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



18.9492, 19.8514, 14.1425



37.7959, 39.7911, 38.7300



16.8846, 14.7293, 16.5156



8.4405, 8.8857, 8.4836



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.9492, 19.8514, 14.1425



32.1808, 33.5867, 21.3641



19.5599, 22.4895, 14.6195



4.9158, 5.1752, 4.9692



12.6938, 11.7102, 1.5913



0.0506, 0.0539, 0.0077

Inverse Universe

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



14.7013, 15.1994, 24.7132



23.4343, 24.0109, 43.1378



14.1906, 13.1643, 24.3473



4.5487, 4.7730, 5.8823



4.8665, 3.2808, 21.5135



0.0229, 0.0235, 0.0766

Previews

White Background



This preview shows how the XYZ color 18.9487, 19.8505, 14.1421 looks on a white background.

Color Contrast Check

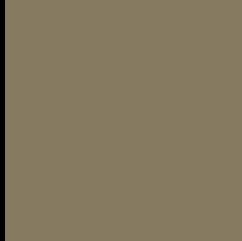
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9487, 19.8505, 14.1421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

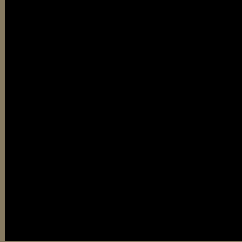
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.9487, 19.8505, 14.1421

Background



This preview shows how black text looks on a background with the XYZ color 18.9487, 19.8505, 14.1421.



This preview shows how white text looks on a background with the XYZ color 18.9487, 19.8505,

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

18.9487, 19.8505, 14.1421

Protanopia

18.6007, 19.8543, 14.1612

Deuteranopia

20.1846, 19.7680, 14.3070



Tritanopia

20.7904, 19.8924, 22.8225

Trichromacy



Original Color

18.9487, 19.8505, 14.1421

Protanomaly

18.7563, 19.9345, 14.1684

Deuteranomaly

19.6166, 19.6509, 14.3144

Tritanomaly

20.0657, 19.7730, 19.2820

Monochromacy



Original Color

18.9487, 19.8505, 14.1421

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8726, 19.8928, 18.7646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9487, 19.8505, 14.1421 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(134, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(134, 122, 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(134, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 122, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.9487, 19.8505, 14.1421 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(134, 122, 97) }
```


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

```
.border{ border-color:rgb(134, 122, 97) }
```

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

Here you see how a box with a 4 pixel rgb(134, 122, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(134, 122,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9487, 19.8505, 14.1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 122, 97) }
```

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

```
.background{ background-color: rgb(134,  
122, 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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