

Converting Colors

XYZ(18.5717, 19.6452, 14.6174)

Have a look what the booklet for
XYZ(18.5717, 19.6452, 14.6174)
contains.

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Color

**XYZ(18.5717, 19.6452,
14.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	837A63
RGB	131, 122, 99
RGB Percent	51%, 48%, 39%
CMY	0.4863, 0.5216, 0.6118
CMYK	0.00, 0.07, 0.24, 0.49
HSL	43°, 14%, 45%
HSV	43°, 24%, 51%
XYZ	18.5717, 19.6452, 14.6174
YIQ	122.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

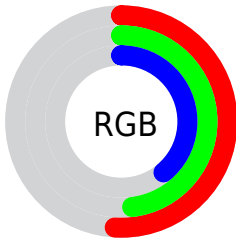
Format	Color
R_{YB}	112, 131, 99
Decimal	8616547
CIE Lab	51.43, -0.52, 13.86
CIE LCh	51, 13.867, 92.158
Yxy	19.6452, 0.3515, 0.3718
Android (android.graphics.Color)	4286806627 (0xFF837A63)
YUV	122.0690, -11.3730, 7.8325
Hunter-Lab	44.3229, -2.7720, 11.4726

Details

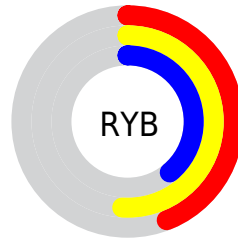
The XYZ color **18.5717, 19.6452, 14.6174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6047, 15.0160, 23.6014**, and the grayscale version is **18.5547, 19.5209, 21.2583**.

A 20% lighter version of the original color is **40.4082, 42.6645, 34.9595**, and **6.3957, 6.7624, 4.2170** is the 20% darker color. If you saturate the color by 10%, you get **17.5520, 18.5280, 11.4344**, and if you desaturate by 10%, it is **19.7112, 20.8391, 18.3422**.

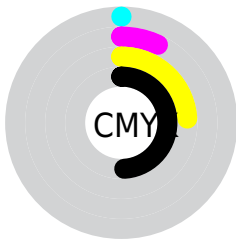
Distribution



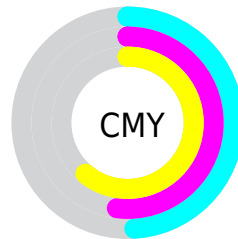
- Red (51%)
- Green (48%)
- Blue (39%)



- Red (44%)
- Yellow (51%)
- Blue (39%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5717, 19.6452, 14.6174 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 18.5717, 19.6452, 14.6174 by changing the saturation by 10% instead.

■ 18.5717, 19.6452,
14.6174

■ 18.5717, 19.6452,
14.6174

237.0578,
249.9879, 232.5991

■ 11.4634, 12.1374,
8.4077

■ 40.5316, 42.8215,
34.9133

■ 6.4490, 6.8373,
4.2654

■ 56.1139, 59.2589,
49.8366

■ 3.1632, 3.3606,
1.7720

■ 75.2515, 79.4415,
68.5015

■ 1.2406, 1.3228,
0.4094

■ 98.3099, 103.7538,
91.3266

■ 0.1381, 0.1587,
0.0000

125.6544,
132.5802, 118.7303

■ 0.0000, 0.0000,
0.0000

157.6503,

166.3051, 151.1313

194.6629,
205.3128, 188.9480

■ 18.5717, 19.6452,
14.6174

■ 18.5717, 19.6452,
14.6174

■ 17.5520, 18.5280,
11.4344

■ 19.7112, 20.8391,
18.3422

■ 16.6455, 17.4826,
8.7659

■ 20.9736, 22.1092,
22.6315

■ 15.8472, 16.5073,
6.5846

■ 22.3641, 23.4585,
27.5084

■ 15.1512, 15.5993,
4.8597

■ 23.8868, 24.8890,
32.9942

■ 14.5506, 14.7558,
3.5572

■ 25.5457, 26.4026,
39.1094

■ 14.0380, 13.9734,
2.6379

■ 27.3447, 28.0011,
45.8732

■ 13.6032, 13.2476,
2.0497

■ 29.2874, 29.6862,
53.3042

■ 13.3779, 12.8608,
1.7773

■ 31.3774, 31.4596,
61.4202

■ 33.6181, 33.3230,
70.2382

Harmonies

Analogous

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



19.9483, 19.6452, 15.3112



18.5717, 19.6452, 14.6174



17.2855, 19.6452, 15.5431

Triad

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



18.5717, 19.6452, 14.6174



16.4999, 19.6452, 25.7281



21.1363, 19.6452, 25.1676

Complementary

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



18.5717, 19.6452, 14.6174



14.6047, 15.0160, 23.6014

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.



20.1310, 19.6452, 28.5460



18.5717, 19.6452, 14.6174



17.4517, 19.6452, 28.8968

Square

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



18.5717, 19.6452, 14.6174



16.1269, 19.6452, 21.6798



18.7730, 19.6452, 29.9863



21.4721, 19.6452, 21.1033

Rectangle

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



18.5717, 19.6452, 14.6174



16.6402, 19.6452, 17.0301



18.7730, 19.6452, 29.9863



20.8631, 19.6452, 26.4376

Sweetspot

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



18.5722, 19.6461, 14.6178



36.9186, 38.9569, 38.3247



16.5324, 14.8333, 16.1979



8.5706, 9.0452, 8.8380



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.



18.5722, 19.6461, 14.6178



32.2752, 34.1159, 23.0708



18.6903, 21.4236, 14.9547



4.9320, 5.2076, 4.9746



13.1708, 12.6641, 1.7502



0.0518, 0.0562, 0.0081

Inverse Universe

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



14.6047, 15.0160, 23.6014



23.9608, 24.4147, 41.9028



14.4947, 13.6227, 23.3382



4.5332, 4.7421, 5.8771



4.6807, 2.9092, 21.4515



0.0218, 0.0212, 0.0762

Previews

White Background



This preview shows how the XYZ color 18.5717, 19.6452, 14.6174 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 18.5717, 19.6452, 14.6174 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

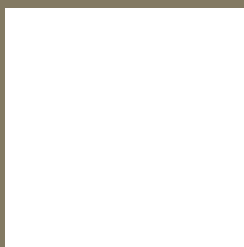
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5717, 19.6452, 14.6174

Background



This preview shows how black text looks on a background with the XYZ color 18.5717, 19.6452, 14.6174.



This preview shows how white text looks on a background with the XYZ color 18.5717, 19.6452,

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

18.5717, 19.6452, 14.6174

Protanopia

18.4176, 19.5657, 14.6102

Deuteranopia

19.9340, 19.6277, 14.7945



Tritanopia

20.3009, 19.6401, 22.7996

Trichromacy



Original Color

18.5717, 19.6452, 14.6174

Protanomaly

18.4176, 19.5657, 14.6102

Deuteranomaly

19.3783, 19.5170, 14.8024

Tritanomaly

19.6392, 19.5463, 19.5673

Monochromacy



Original Color

18.5717, 19.6452, 14.6174

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4542, 19.4939, 18.7097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5717, 19.6452, 14.6174 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(131, 122, 99)` looks like.

```
.text, #text, p{  
    color:rgb(131, 122, 99)  
}
```

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(131, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 122, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.5717, 19.6452, 14.6174 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(131, 122, 99) }
```


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

```
.border{ border-color:rgb(131, 122, 99) }
```

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

Here you see how a box with a 4 pixel rgb(131, 122, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(131, 122,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5717, 19.6452, 14.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 122, 99) }
```

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

```
.background{ background-color: rgb(131,  
122, 99) }
```

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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