

Converting Colors

XYZ(19.4826, 19.1115, 17.1303)

Have a look what the booklet for
XYZ(19.4826, 19.1115, 17.1303)
contains.

XYZ(19.6028, 19.2300, 17.1466)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.6028, 19.2300,
17.1466)**

Conversions

Conversions Part 1

Format	Color
Hex	8A756D
RGB	138, 117, 109
RGB Percent	54%, 46%, 43%
CMY	0.4588, 0.5412, 0.5725
CMYK	0.00, 0.15, 0.21, 0.46
HSL	17°, 12%, 48%
HSV	17°, 21%, 54%
XYZ	19.6028, 19.2300, 17.1466
YIQ	122.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

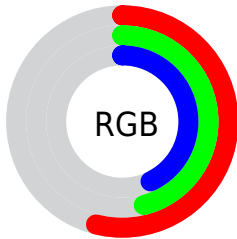
Format	Color
R_{YB}	138, 120, 109
Decimal	9074029
CIE Lab	50.96, 6.81, 7.44
CIE LCh	51, 10.086, 47.507
Yxy	19.2300, 0.3502, 0.3435
Android (android.graphics.Color)	4287264109 (0xFF8A756D)
YUV	122.3670, -6.5899, 13.7101
Hunter-Lab	43.8520, 3.0523, 7.5134

Details

The XYZ color **19.6028, 19.2300, 17.1466** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.8765, 21.0508, 27.1130**, and the grayscale version is **18.6366, 19.6071, 21.3521**.

A 20% lighter version of the original color is **42.2714, 42.1205, 39.1598**, and **7.0221, 6.6788, 5.4764** is the 20% darker color. If you saturate the color by 10%, you get **17.8149, 16.7511, 13.1688**, and if you desaturate by 10%, it is **21.6327, 22.0059, 21.7810**.

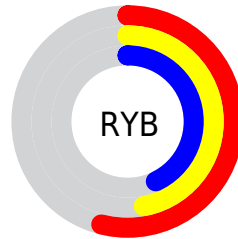
Distribution



Red (54%)

Green (46%)

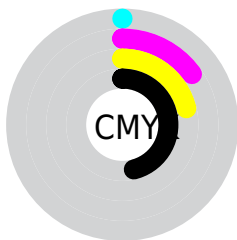
Blue (43%)



Red (54%)

Yellow (47%)

Blue (43%)

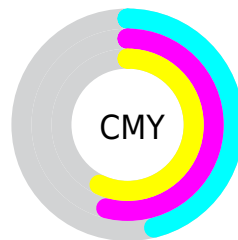


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (46%)



Cyan (46%)

Magenta (54%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6028, 19.2300, 17.1466 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 19.6028, 19.2300, 17.1466 by changing the saturation by 10% instead.

■ 19.6028, 19.2300,
17.1466

■ 19.6028, 19.2300,
17.1466

242.6314,
247.7156, 248.0883

■ 12.2132, 11.8366,
10.1760

■ 42.2593, 42.1224,
39.3718

■ 6.9623, 6.6325,
5.4087

■ 58.2569, 58.3901,
55.4634

■ 3.4847, 3.2334,
2.4261

■ 77.8546, 78.3848,
75.4325

■ 1.4149, 1.2547,
0.8006

■ 101.4177,
102.4908, 99.6975

■ 0.2668, 0.1057,
0.0000

129.3116,
131.0925, 128.6771

■ 0.0000, 0.0000,
0.0000

161.9016,

164.5742, 162.7897

199.5531,
203.3204, 202.4539

■ 19.6028, 19.2300,
17.1466

■ 19.6028, 19.2300,
17.1466

■ 17.8149, 16.7511,
13.1688

■ 21.6327, 22.0059,
21.7810

■ 16.2581, 14.5566,
9.8165

■ 23.9118, 25.0856,
27.0988

■ 14.9230, 12.6368,
7.0578

■ 26.4490, 28.4790,
33.1267

■ 13.7989, 10.9807,
4.8578

■ 29.2522, 32.1948,
39.8896

■ 12.8741, 9.5762,
3.1774

■ 32.3290, 36.2412,
47.4113

■ 12.1357, 8.4103,
1.9728

■ 35.6866, 40.6262,
55.7144

■ 11.5691, 7.4688,
1.1927

■ 39.3321, 45.3576,
64.8205

■ 11.1770, 6.7948,
0.7224

■ 43.2722, 50.4428,
74.7506

■ 47.5135, 55.8890,
85.5248

Harmonies

Analogous

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



20.1667, 19.2300, 19.3303



19.6028, 19.2300, 17.1466



18.6952, 19.2300, 16.0241

Triad

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



19.6028, 19.2300, 17.1466



16.4697, 19.2300, 19.7733



18.8601, 19.2300, 26.6203

Complementary

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



19.6028, 19.2300, 17.1466



18.8765, 21.0508, 27.1130

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.



17.8661, 19.2300, 26.7664



19.6028, 19.2300, 17.1466



16.5102, 19.2300, 22.6329

Square

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



19.6028, 19.2300, 17.1466



16.9006, 19.2300, 17.4455



17.0134, 19.2300, 25.2512



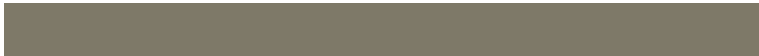
19.7273, 19.2300, 24.8685

Rectangle

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



19.6028, 19.2300, 17.1466



18.0283, 19.2300, 15.9548



17.0134, 19.2300, 25.2512



18.5290, 19.2300, 26.8642

Sweetspot

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



19.6033, 19.2309, 17.1470



40.0383, 41.3734, 42.8189



19.9972, 17.9596, 23.6257



8.9323, 9.2148, 9.4920



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.



19.6033, 19.2309, 17.1470



33.0776, 31.8584, 26.9145



21.3893, 22.8028, 17.7423



5.1380, 5.2587, 5.2966



10.2588, 6.2520, 0.6661



0.0791, 0.0635, 0.0081

Inverse Universe

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



18.8765, 21.0508, 27.1130



31.5677, 35.6323, 47.5971



17.1129, 17.5235, 26.5252



5.0581, 5.4592, 6.3930



8.3895, 10.0494, 23.5432



0.0680, 0.0913, 0.1605

Previews

White Background



This preview shows how the XYZ color 19.6028, 19.2300, 17.1466 looks on a white background.

Color Contrast Check

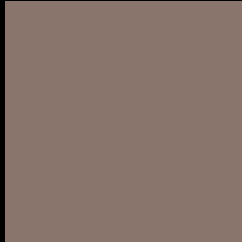
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6028, 19.2300, 17.1466 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 19.6028, 19.2300, 17.1466

Background



This preview shows how black text looks on a background with the XYZ color 19.6028, 19.2300, 17.1466.

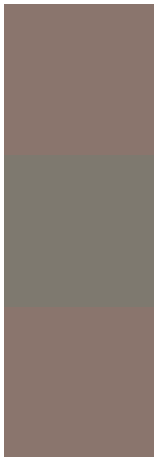


This preview shows how white text looks on a background with the XYZ color 19.6028, 19.2300,

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

19.6028, 19.2300, 17.1466

Protanopia

18.3108, 19.2581, 17.7910

Deuteranopia

19.6028, 19.2300, 17.1466



Tritanopia

20.5840, 19.2922, 21.7076

Trichromacy



Original Color

19.6028, 19.2300, 17.1466

Protanomaly

18.7369, 19.3046, 17.4905

Deuteranomaly

19.6028, 19.2300, 17.1466

Tritanomaly

20.2226, 19.3117, 20.1144

Monochromacy



Original Color

19.6028, 19.2300, 17.1466

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8294, 19.3065, 19.5637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6028, 19.2300, 17.1466 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(138, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(138, 117, 109)  
}
```

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(138, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 117, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.6028, 19.2300, 17.1466 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(138, 117, 109) }
```


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

```
.border{ border-color:rgb(138, 117, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(138, 117,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6028, 19.2300, 17.1466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 117, 109) }
```

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

```
.background{ background-color: rgb(138,  
117, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor