

Converting Colors

XYZ(19.3483, 17.9952, 15.6920)

Have a look what the booklet for
XYZ(19.3483, 17.9952, 15.6920)
contains.

XYZ(19.2811, 17.9226, 15.8078)	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(19.2811, 17.9226,
15.8078)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6E69
RGB	142, 110, 105
RGB Percent	56%, 43%, 41%
CMY	0.4431, 0.5686, 0.5882
CMYK	0.00, 0.23, 0.26, 0.44
HSL	8°, 15%, 48%
HSV	8°, 26%, 56%
XYZ	19.2811, 17.9226, 15.8078
YIQ	118.9980, 20.6770, 5.2290

Conversions

Conversions Part 2

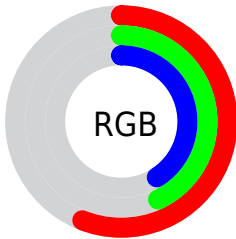
Format	Color
R_{YB}	142, 111, 105
Decimal	9334377
CIE _{Lab}	49.40, 11.88, 7.65
CIE _{LCh}	49, 14.130, 32.762
Yxy	17.9226, 0.3637, 0.3381
Android (android.graphics.Color)	4287524457 (0xFF8E6E69)
YUV	118.9980, -6.9010, 20.1728
Hunter-Lab	42.3351, 7.2097, 7.4959

Details

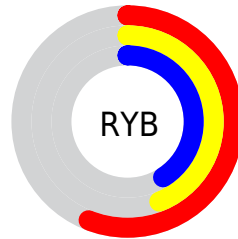
The XYZ color **19.2811, 17.9226, 15.8078** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6536, 22.8469, 28.9654**, and the grayscale version is **17.5509, 18.4650, 20.1083**.

A 20% lighter version of the original color is **41.6860, 39.9767, 36.9717**, and **6.8007, 5.9749, 4.7978** is the 20% darker color. If you saturate the color by 10%, you get **17.3770, 15.1865, 11.8680**, and if you desaturate by 10%, it is **21.4917, 21.0764, 20.4515**.

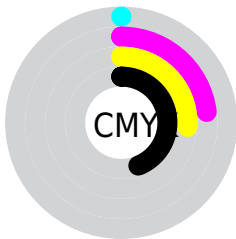
Distribution



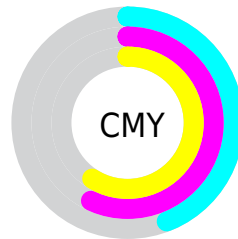
- Red (56%)
- Green (43%)
- Blue (41%)



- Red (56%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2811, 17.9226, 15.8078 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 19.2811, 17.9226, 15.8078 by changing the saturation by 10% instead.

■ 19.2811, 17.9226,
15.8078

■ 19.2811, 17.9226,
15.8078

240.9047,
240.4344, 240.0118

■ 11.9788, 10.8944,
9.2354

■ 41.7218, 39.9054,
37.0263

■ 6.8013, 5.9959,
4.7961

■ 57.5908, 55.6288,
52.5095

■ 3.3834, 2.8426,
2.0715

■ 77.0462, 75.0194,
71.8001

■ 1.3596, 1.0501,
0.5987

■ 100.4531, 98.4617,
95.3165

■ 0.2272, 0.0000,
0.0000

128.1771,
126.3399, 123.4773

■ 0.0000, 0.0000,
0.0000

160.5835,

159.0385, 156.7011

198.0375,
196.9419, 195.4064

■ 19.2811, 17.9226,
15.8078

■ 19.2811, 17.9226,
15.8078

■ 17.3770, 15.1865,
11.8680

■ 21.4917, 21.0764,
20.4515

■ 15.7644, 12.8481,
8.5966

■ 24.0200, 24.6618,
25.8301

■ 14.4293, 10.8897,
5.9567

■ 26.8786, 28.6952,
31.9738

■ 13.3556, 9.2910,
3.9075

■ 30.0787, 33.1912,
38.9110

■ 12.5260, 8.0299,
2.4032

■ 33.6313, 38.1640,
46.6687

■ 11.9206, 7.0821,
1.3912

■ 37.5465, 43.6271,
55.2725

■ 11.5136, 6.4182,
0.7928

■ 41.8344, 49.5932,
64.7469

■ 11.3917, 6.2234,
0.6008

■ 46.5045, 56.0750,
75.1154

■ 51.5659, 63.0844,
86.4007

Harmonies

Analogous

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



19.7238, 17.9226, 19.1633



19.2811, 17.9226, 15.8078



18.2344, 17.9226, 13.6917

Triad

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



19.2811, 17.9226, 15.8078



14.8573, 17.9226, 16.3458



17.1586, 17.9226, 27.7979

Complementary

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



19.2811, 17.9226, 15.8078



19.6536, 22.8469, 28.9654

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.



15.8892, 17.9226, 26.7911



19.2811, 17.9226, 15.8078



14.6022, 17.9226, 19.8703

Square

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



19.2811, 17.9226, 15.8078



15.6859, 17.9226, 13.9727



14.9703, 17.9226, 23.7600



18.4590, 17.9226, 26.3569

Rectangle

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



19.2811, 17.9226, 15.8078



17.3597, 17.9226, 13.1041



14.9703, 17.9226, 23.7600



16.7142, 17.9226, 27.7347

Sweetspot

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



19.2816, 17.9234, 15.8082



41.3683, 42.0896, 43.4366



20.7272, 17.6622, 26.0089



9.0999, 9.2028, 9.4036



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.2816, 17.9234, 15.8082



32.0594, 28.8205, 23.8441



21.4811, 22.3225, 16.5414



5.4641, 5.5344, 5.6696



10.2366, 5.6049, 0.5423



0.1070, 0.0718, 0.0082

Inverse Universe

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



19.6536, 22.8469, 28.9654



32.8218, 38.9448, 50.9151



17.2538, 18.0472, 28.1654



5.4990, 5.9937, 6.8958



10.7306, 14.4472, 25.2001



0.1137, 0.1604, 0.2446

Previews

White Background



This preview shows how the XYZ color 19.2811, 17.9226, 15.8078 looks on a white 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

Black Background



This preview shows how the XYZ color 19.2811, 17.9226, 15.8078 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 19.2811, 17.9226, 15.8078

Background



This preview shows how black text looks on a background with the XYZ color 19.2811, 17.9226, 15.8078.



This preview shows how white text looks on a background with the XYZ color 19.2811, 17.9226,

15.8078.

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

19.2811, 17.9226, 15.8078

Protanopia

17.1476, 17.9643, 17.0317

Deuteranopia

18.2353, 17.8781, 15.5864



Tritanopia

19.9011, 17.8491, 19.2259

Trichromacy



Original Color

19.2811, 17.9226, 15.8078

Protanomaly

17.7773, 17.7845, 16.6831

Deuteranomaly

18.6094, 17.9062, 15.5721

Tritanomaly

19.7770, 17.9692, 18.0488

Monochromacy



Original Color

19.2811, 17.9226, 15.8078

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.0351, 18.2177, 18.4854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2811, 17.9226, 15.8078 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(142, 110, 105)` looks like.

```
.text, #text, p{  
    color:rgb(142, 110, 105)  
}
```

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(142, 110, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 110, 105) }
```

Border

The CSS property to change the border of an element to XYZ 19.2811, 17.9226, 15.8078 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(142, 110, 105) }
```


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

```
.border{ border-color:rgb(142, 110, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 110, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 110, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 110, 105);  
box-shadow:4px 4px 4px 4px rgb(142, 110,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2811, 17.9226, 15.8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 110, 105) }
```

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

```
.background{ background-color: rgb(142,  
110, 105) }
```

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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