

Converting Colors

XYZ(17.7180, 14.9142, 19.2843)

Have a look what the booklet for
XYZ(17.7180, 14.9142, 19.2843)
contains.

XYZ(17.8292, 15.0160, 19.4114)	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(17.8292, 15.0160,
19.4114)**

Conversions

Conversions Part 1

Format	Color
Hex	896077
RGB	137, 96, 119
RGB Percent	54%, 38%, 47%
CMY	0.4627, 0.6235, 0.5333
CMYK	0.00, 0.30, 0.13, 0.46
HSL	326°, 18%, 46%
HSV	326°, 30%, 54%
XYZ	17.8292, 15.0160, 19.4114
YIQ	110.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

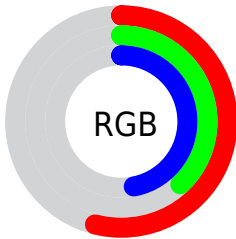
Format	Color
R_{YB}	137, 96, 119
Decimal	9003127
CIE Lab	45.66, 20.46, -6.26
CIE LCh	46, 21.398, 342.991
Yxy	15.0160, 0.3412, 0.2874
Android (android.graphics.Color)	4287193207 (0xFF896077)
YUV	110.8810, 4.0027, 22.9064
Hunter-Lab	38.7505, 14.3150, -2.5750

Details

The XYZ color **17.8292, 15.0160, 19.4114** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.8075, 21.5935, 19.2028**, and the grayscale version is **15.0606, 15.8449, 17.2551**.

A 20% lighter version of the original color is **39.2703, 34.8841, 43.1916**, and **6.0734, 4.6300, 6.5348** is the 20% darker color. If you saturate the color by 10%, you get **16.3367, 12.5908, 17.1877**, and if you desaturate by 10%, it is **19.5633, 17.8874, 21.8288**.

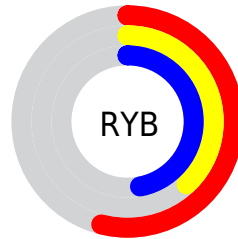
Distribution



Red (54%)

Green (38%)

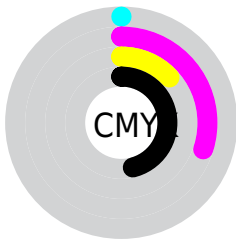
Blue (47%)



Red (54%)

Yellow (38%)

Blue (47%)

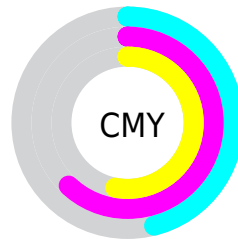


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8292, 15.0160, 19.4114 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 17.8292, 15.0160, 19.4114 by changing the saturation by 10% instead.

■ 17.8292, 15.0160,
19.4114

■ 17.8292, 15.0160,
19.4114

232.9708,
223.4630, 261.2086

■ 10.9264, 8.8306,
11.7881

■ 39.2784, 34.8812,
43.2740

■ 6.0843, 4.6309,
6.4788

■ 54.5556, 49.3299,
60.3505

■ 2.9375, 2.0323,
3.0649

■ 73.3548, 67.3018,
81.4150

■ 1.1208, 0.6262,
1.1279

■ 96.0416, 89.1812,
106.8862

■ 0.0424, 0.0000,
0.0000

122.9812,
115.3527, 137.1827

■ 0.0000, 0.0000,
0.0000

154.5391,

146.2006, 172.7228

191.0805,
182.1092, 213.9253

■ 17.8292, 15.0160,
19.4114

■ 17.8292, 15.0160,
19.4114

■ 16.3367, 12.5908,
17.1877

■ 19.5633, 17.8874,
21.8288

■ 15.0727, 10.5869,
15.1508

■ 21.5486, 21.2242,
24.4446

■ 14.0250, 8.9803,
13.2946


■ 23.7957, 25.0466,
27.2645

■ 13.1795, 7.7435,
11.6122


■ 26.3142, 29.3735,
30.2936


■ 12.5203, 6.8456,
10.0961


■ 29.1133, 34.2223,
33.5368


 12.0289, 6.2504,
8.7378


 32.2017, 39.6100,
36.9989

 11.6536, 5.8550,
7.5176

 35.5876, 45.5524,
40.6843

 11.6509, 5.8521,
7.5089

 39.2790, 52.0651,
44.5975

 43.2836, 59.1627,
48.7428

Harmonies

Analogous

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



16.7544, 15.0160, 24.6872



17.8292, 15.0160, 19.4114



17.9019, 15.0160, 14.2294

Triad

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



17.8292, 15.0160, 19.4114



13.5112, 15.0160, 8.4930



11.8962, 15.0160, 24.0485

Complementary

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



17.8292, 15.0160, 19.4114



16.8075, 21.5935, 19.2028

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.



11.1697, 15.0160, 18.6712



17.8292, 15.0160, 19.4114



12.0482, 15.0160, 10.1392

Square

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



17.8292, 15.0160, 19.4114



15.3046, 15.0160, 8.6093



11.2229, 15.0160, 13.6285



13.2874, 15.0160, 27.7250

Rectangle

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



17.8292, 15.0160, 19.4114



17.3635, 15.0160, 11.5416



11.2229, 15.0160, 13.6285



11.5716, 15.0160, 22.3366

Sweetspot

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



17.8296, 15.0167, 19.4117



38.8655, 38.4758, 44.1297



15.6080, 13.7344, 25.4956



8.6084, 8.4457, 9.7582



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.



17.8296, 15.0167, 19.4117



30.0476, 23.8243, 31.9900



16.7394, 14.5806, 13.6705



5.1426, 5.0925, 5.8395



10.8587, 5.4536, 7.0264



0.0795, 0.0392, 0.0855

Inverse Universe

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



17.8296, 15.0167, 19.4117



30.0476, 23.8243, 31.9900



18.0918, 22.1073, 25.9659



5.1426, 5.0925, 5.8395



10.8587, 5.4536, 7.0264



0.0795, 0.0392, 0.0855

Previews

White Background



This preview shows how the XYZ color 17.8292, 15.0160, 19.4114 looks on a white background.

Color Contrast Check

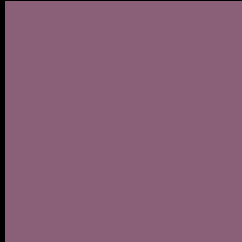
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8292, 15.0160, 19.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

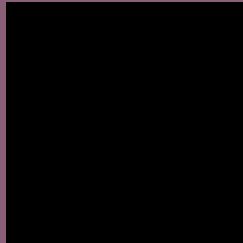
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8292, 15.0160, 19.4114

Background



This preview shows how black text looks on a background with the XYZ color 17.8292, 15.0160, 19.4114.



This preview shows how white text looks on a background with the XYZ color 17.8292, 15.0160,

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

17.8292, 15.0160, 19.4114

Protanopia

14.9542, 15.2347, 21.8911

Deuteranopia

15.3327, 15.0323, 18.9230



Tritanopia

16.9609, 14.9269, 15.6229

Trichromacy



Original Color

17.8292, 15.0160, 19.4114

Protanomaly

15.8616, 15.1126, 20.8199

Deuteranomaly

16.1898, 15.0217, 19.1857

Tritanomaly

17.2973, 14.9313, 17.0093

Monochromacy



Original Color

17.8292, 15.0160, 19.4114

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9370, 15.5160, 18.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8292, 15.0160, 19.4114 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(137, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(137, 96, 119)  
}
```

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(137, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 96, 119) }
```

Border

The CSS property to change the border of an element to XYZ 17.8292, 15.0160, 19.4114 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(137, 96, 119) }
```


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

```
.border{ border-color:rgb(137, 96, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 96, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(137, 96,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8292, 15.0160, 19.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 96, 119) }
```

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

```
.background{ background-color: rgb(137, 96,  
119) }
```

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