

Converting Colors

XYZ(20.2319, 18.1981, 19.9829)

Have a look what the booklet for
XYZ(20.2319, 18.1981, 19.9829)
contains.

XYZ(20.1261, 18.1088, 19.8874)	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(20.1261, 18.1088,
19.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6D77
RGB	143, 109, 119
RGB Percent	56%, 43%, 47%
CMY	0.4392, 0.5725, 0.5333
CMYK	0.00, 0.24, 0.17, 0.44
HSL	342°, 13%, 49%
HSV	342°, 24%, 56%
XYZ	20.1261, 18.1088, 19.8874
YIQ	120.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

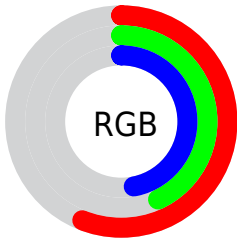
Format	Color
R _Y B	143, 109, 119
Decimal	9399671
CIE Lab	49.63, 15.14, -0.32
CIE LCh	50, 15.144, 358.773
Yxy	18.1088, 0.3463, 0.3116
Android (android.graphics.Color)	4287589751 (0xFF8F6D77)
YUV	120.3060, -0.6439, 19.9026
Hunter-Lab	42.5544, 9.9512, 2.0795

Details

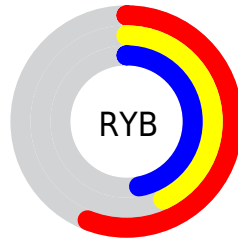
The XYZ color **20.1261, 18.1088, 19.8874** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3635, 24.5900, 25.8645**, and the grayscale version is **17.9491, 18.8839, 20.5646**.

A 20% lighter version of the original color is **43.1215, 40.3003, 44.0341**, and **7.2197, 6.0677, 6.7519** is the 20% darker color. If you saturate the color by 10%, you get **18.1486, 15.0729, 16.3943**, and if you desaturate by 10%, it is **22.4173, 21.6685, 23.8032**.

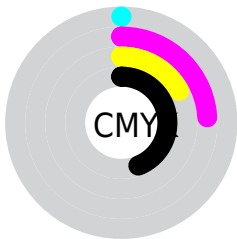
Distribution



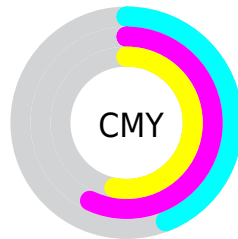
- Red (56%)
- Green (43%)
- Blue (47%)



- Red (56%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1261, 18.1088, 19.8874 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 20.1261, 18.1088, 19.8874 by changing the saturation by 10% instead.

■ 20.1261, 18.1088,
19.8874

■ 20.1261, 18.1088,
19.8874

245.4175,
241.4836, 263.8889

■ 12.5955, 11.0281,
12.1300

■ 43.1308, 40.2226,
44.0848

■ 7.2257, 6.0858,
6.7086

■ 59.3357, 56.0246,
61.3619

■ 3.6512, 2.8973,
3.2049

■ 79.1627, 75.5024,
82.6492

■ 1.5068, 1.0784,
1.2002

■ 102.9773, 99.0405,
108.3653

■ 0.3304, 0.0000,
0.0000

131.1446,
127.0233, 138.9288

■ 0.0000, 0.0000,
0.0000

164.0303,

159.8351, 174.7582

201.9994,
197.8604, 216.2721

■ 20.1261, 18.1088,
19.8874

■ 20.1261, 18.1088,
19.8874

■ 18.1486, 15.0729,
16.3943

■ 22.4173, 21.6685,
23.8032

■ 16.4692, 12.5335,
13.3083

■ 25.0336, 25.7727,
28.1544

■ 15.0733, 10.4647,
10.6143

■ 27.9880, 30.4439,
32.9545

■ 13.9445, 8.8372,
8.2959

■ 31.2921, 35.7026,
38.2162

■ 13.0647, 7.6182,
6.3354

■ 34.9570, 41.5684,
43.9515

■ 12.4130, 6.7705,
4.7134

■ 38.9934, 48.0598,
50.1720

■ 11.9649, 6.2491,
3.4085

■ 43.4114, 55.1946,
56.8889

■ 11.7466, 6.0072,
2.7358

■ 48.2207, 62.9900,
64.1132

■ 53.4309, 71.4623,
71.8552

Harmonies

Analogous

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



19.6856, 18.1088, 24.1130



20.1261, 18.1088, 19.8874



19.7504, 18.1088, 16.1469

Triad

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



20.1261, 18.1088, 19.8874



15.9153, 18.1088, 13.5603



15.8182, 18.1088, 27.2915

Complementary

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



20.1261, 18.1088, 19.8874



20.3635, 24.5900, 25.8645

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.



14.9008, 18.1088, 23.7788



20.1261, 18.1088, 19.8874



14.9546, 18.1088, 15.8913

Square

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



20.1261, 18.1088, 19.8874



17.2711, 18.1088, 12.8143



14.5935, 18.1088, 19.5484



17.1528, 18.1088, 28.7387

Rectangle

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



20.1261, 18.1088, 19.8874



19.0987, 18.1088, 14.3424



14.5935, 18.1088, 19.5484



15.4536, 18.1088, 26.2911

Sweetspot

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



20.1266, 18.1096, 19.8878



43.1836, 43.5633, 47.7021



20.0685, 17.8916, 28.3825



9.8483, 9.9042, 10.8486



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.1266, 18.1096, 19.8878



33.9086, 29.1451, 31.8725



20.3110, 19.3893, 17.1410



5.4701, 5.4486, 5.9734



10.3945, 5.3148, 2.4627



0.1081, 0.0543, 0.0694

Inverse Universe

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



20.1266, 18.1096, 19.8878



33.9086, 29.1451, 31.8725



20.0976, 22.8996, 29.3476



5.4701, 5.4486, 5.9734



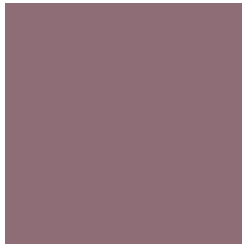
10.3945, 5.3148, 2.4627



0.1081, 0.0543, 0.0694

Previews

White Background



This preview shows how the XYZ color 20.1261, 18.1088, 19.8874 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 20.1261, 18.1088, 19.8874 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 20.1261, 18.1088, 19.8874

Background



This preview shows how black text looks on a background with the XYZ color 20.1261, 18.1088, 19.8874.



This preview shows how white text looks on a background with the XYZ color 20.1261, 18.1088,

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

20.1261, 18.1088, 19.8874

Protanopia

17.7243, 18.3340, 21.6734

Deuteranopia

18.4932, 18.0885, 19.6563



Tritanopia

20.0663, 18.0849, 19.5727

Trichromacy



Original Color

20.1261, 18.1088, 19.8874

Protanomaly

18.5457, 18.2558, 20.9586

Deuteranomaly

19.0559, 18.0472, 19.6187

Tritanomaly

20.0663, 18.0849, 19.5727

Monochromacy



Original Color

20.1261, 18.1088, 19.8874

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.5376, 18.4360, 20.3508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1261, 18.1088, 19.8874 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(143, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(143, 109, 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(143, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 20.1261, 18.1088, 19.8874 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(143, 109, 119) }
```


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

```
.border{ border-color:rgb(143, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(143, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1261, 18.1088, 19.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 109, 119) }
```

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

```
.background{ background-color: rgb(143,  
109, 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