

Converting Colors

XYZ(18.9069, 16.4785, 16.8125)

Have a look what the booklet for
XYZ(18.9069, 16.4785, 16.8125)
contains.

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Color

**XYZ(18.8935, 16.4682,
16.9347)**

Conversions

Conversions Part 1

Format	Color
Hex	8F666E
RGB	143, 102, 110
RGB Percent	56%, 40%, 43%
CMY	0.4392, 0.6000, 0.5686
CMYK	0.00, 0.29, 0.23, 0.44
HSL	348°, 17%, 48%
HSV	348°, 29%, 56%
XYZ	18.8935, 16.4682, 16.9347
YIQ	115.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

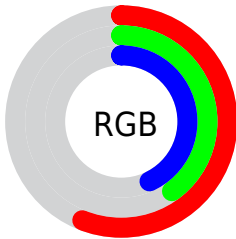
Format	Color
R_{YB}	143, 102, 110
Decimal	9397870
CIE _{Lab}	47.58, 17.74, 2.07
CIE _{LCh}	48, 17.863, 6.652
Yxy	16.4682, 0.3613, 0.3149
Android (android.graphics.Color)	4287587950 (0xFF8F666E)
YUV	115.1710, -2.5493, 24.4060
Hunter-Lab	40.5810, 12.0883, 3.6647

Details

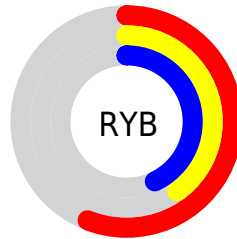
The XYZ color **18.8935, 16.4682, 16.9347** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6758, 24.2193, 26.5607**, and the grayscale version is **16.3508, 17.2023, 18.7333**.

A 20% lighter version of the original color is **40.8502, 37.2260, 38.7505**, and **6.6770, 5.3666, 5.3866** is the 20% darker color. If you saturate the color by 10%, you get **17.0210, 13.6617, 13.4168**, and if you desaturate by 10%, it is **21.0908, 19.7937, 20.9629**.

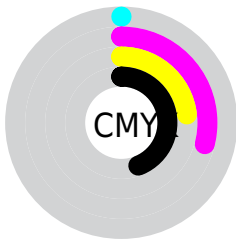
Distribution



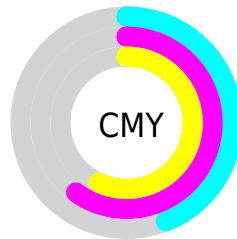
- Red (56%)
- Green (40%)
- Blue (43%)



- Red (56%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8935, 16.4682, 16.9347 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 18.8935, 16.4682, 16.9347 by changing the saturation by 10% instead.

■ 18.8935, 16.4682,
16.9347

■ 18.8935, 16.4682,
16.9347

238.8096,
232.0888, 246.8270

■ 11.6969, 9.8561,
10.0265

■ 41.0723, 37.4091,
39.0026

■ 6.6084, 5.3036,
5.3107

■ 56.7853, 52.5067,
54.9993

■ 3.2625, 2.4265,
2.3688

■ 76.0677, 71.2016,
74.8626

■ 1.2941, 0.8395,
0.7694

■ 99.2850, 93.8781,
99.0111

■ 0.1788, 0.0000,
0.0000

126.8024,
120.9207, 127.8632

■ 0.0000, 0.0000,
0.0000

158.9855,

152.7138, 161.8375

196.1994,
189.6417, 201.3526

■ 18.8935, 16.4682,
16.9347

■ 18.8935, 16.4682,
16.9347

■ 17.0210, 13.6617,
13.4168

■ 21.0908, 19.7937,
20.9629

■ 15.4563, 11.3458,
10.3877

■ 23.6260, 23.6601,
25.5199

■ 14.1831, 9.4927,
7.8258

■ 26.5133, 28.0910,
30.6242

■ 13.1828, 8.0712,
5.7073

■ 29.7653, 33.1079,
36.2933

■ 12.4348, 7.0459,
4.0065

■ 33.3945, 38.7310,
42.5440

■ 11.9151, 6.3759,
2.6947

■ 37.4123, 44.9797,
49.3922

■ 11.5754, 5.9718,
1.7328

■ 41.8299, 51.8724,
56.8532

■ 11.5360, 5.9230,
1.6272

■ 46.6580, 59.4270,
64.9418

■ 51.9069, 67.6603,
73.6725

Harmonies

Analogous

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



18.6340, 16.4682, 21.6339



18.8935, 16.4682, 16.9347



18.2385, 16.4682, 13.1911

Triad

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



18.8935, 16.4682, 16.9347



13.8957, 16.4682, 11.7782



14.4707, 16.4682, 27.2424

Complementary

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



18.8935, 16.4682, 16.9347



19.6758, 24.2193, 26.5607

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.



13.3233, 16.4682, 23.6890



18.8935, 16.4682, 16.9347



13.0074, 16.4682, 14.6769

Square

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



18.8935, 16.4682, 16.9347



15.3006, 16.4682, 10.5580



12.8052, 16.4682, 18.9658



16.0098, 16.4682, 28.1222

Rectangle

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



18.8935, 16.4682, 16.9347



17.3960, 16.4682, 11.5605



12.8052, 16.4682, 18.9658



14.0297, 16.4682, 26.2949

Sweetspot

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



18.8940, 16.4690, 16.9350



42.0584, 41.9857, 45.2525



19.6693, 16.6211, 28.1581



9.4997, 9.4063, 10.1181



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.



18.8940, 16.4690, 16.9350



31.7392, 26.3439, 26.4093



19.7777, 18.9021, 15.1775



5.4492, 5.4402, 5.8636



10.2064, 5.2396, 1.4720



0.1039, 0.0526, 0.0475

Inverse Universe

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



18.8940, 16.4690, 16.9350



31.7392, 26.3439, 26.4093



18.5141, 20.9606, 29.0566



5.4492, 5.4402, 5.8636



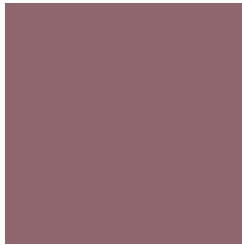
10.2064, 5.2396, 1.4720



0.1039, 0.0526, 0.0475

Previews

White Background



This preview shows how the XYZ color 18.8935, 16.4682, 16.9347 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 18.8935, 16.4682, 16.9347 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 18.8935, 16.4682, 16.9347

Background



This preview shows how black text looks on a background with the XYZ color 18.8935, 16.4682, 16.9347.



This preview shows how white text looks on a background with the XYZ color 18.8935, 16.4682,

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

18.8935, 16.4682, 16.9347

Protanopia

15.9969, 16.6486, 18.8934

Deuteranopia

16.8331, 16.4770, 16.7612



Tritanopia

18.8935, 16.4682, 16.9347

Trichromacy



Original Color

18.8935, 16.4682, 16.9347

Protanomaly

16.9633, 16.5122, 18.2127

Deuteranomaly

17.4301, 16.3177, 16.6990

Tritanomaly

18.8935, 16.4682, 16.9347

Monochromacy



Original Color

18.8935, 16.4682, 16.9347

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.0140, 16.7041, 17.9503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8935, 16.4682, 16.9347 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, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 110)  
}
```

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, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.8935, 16.4682, 16.9347 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, 102, 110) }
```


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

```
.border{ border-color:rgb(143, 102, 110) }
```

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

Here you see how a box with a 4 pixel rgb(143, 102, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8935, 16.4682, 16.9347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 110) }
```

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

```
.background{ background-color: rgb(143,  
102, 110) }
```

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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