

Converting Colors

XYZ(19.2876, 16.8244, 16.6989)

Have a look what the booklet for
XYZ(19.2876, 16.8244, 16.6989)
contains.

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Color

**XYZ(19.2876, 16.8244,
16.6989)**

Conversions

Conversions Part 1

Format	Color
Hex	91676D
RGB	145, 103, 109
RGB Percent	57%, 40%, 43%
CMY	0.4314, 0.5961, 0.5725
CMYK	0.00, 0.29, 0.25, 0.43
HSL	351°, 17%, 49%
HSV	351°, 29%, 57%
XYZ	19.2876, 16.8244, 16.6989
YIQ	116.2420, 23.1060, 10.7700

Conversions

Conversions Part 2

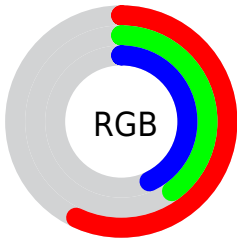
Format	Color
RYB	145, 103, 109
Decimal	9529197
CIELab	48.04, 17.80, 3.36
CIELCh	48, 18.109, 10.679
Yxy	16.8244, 0.3652, 0.3186
Android (android.graphics.Color)	4287719277 (0xFF91676D)
YUV	116.2420, -3.5703, 25.2208
Hunter-Lab	41.0176, 12.1550, 4.5744

Details

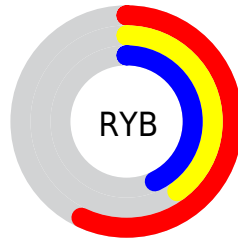
The XYZ color **19.2876, 16.8244, 16.6989** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3798, 24.9988, 28.1784**, and the grayscale version is **16.6808, 17.5495, 19.1114**.

A 20% lighter version of the original color is **41.7202, 37.9286, 38.3798**, and **6.7499, 5.4073, 5.2454** is the 20% darker color. If you saturate the color by 10%, you get **17.3460, 13.9373, 12.9807**, and if you desaturate by 10%, it is **21.5749, 20.2512, 20.9996**.

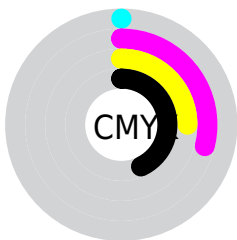
Distribution



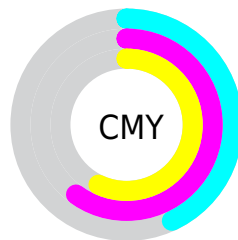
- Red (57%)
- Green (40%)
- Blue (43%)



- Red (57%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (25%)
- Black (43%)





- Cyan (43%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2876, 16.8244, 16.6989 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 19.2876, 16.8244, 16.6989 by changing the saturation by 10% instead.


 19.2876, 16.8244,
16.6989


 19.2876, 16.8244,
16.6989


240.9397,
234.1584, 245.4161


 11.9835, 10.1094,
9.8604


 41.7326, 38.0236,
38.5909

 6.8046, 5.4715,
5.2021


 57.6043, 53.2766,
54.4814

 3.3854, 2.5265,
2.3055

 77.0625, 72.1443,
74.2263

 1.3607, 0.8899,
0.7343

 100.4727, 95.0112,
98.2442

 0.2280, 0.0000,
0.0000

128.2001,
122.2617, 126.9536

 0.0000, 0.0000,
0.0000

160.6102,

154.2801, 160.7730

198.0682,
191.4509, 200.1210

■ 19.2876, 16.8244,
16.6989

■ 19.2876, 16.8244,
16.6989

■ 17.3460, 13.9373,
12.9807

■ 21.5749, 20.2512,
20.9996

■ 15.7319, 11.5602,
9.8189

■ 24.2222, 24.2407,
25.9053

■ 14.4274, 9.6639,
7.1867

■ 27.2446, 28.8176,
31.4387

■ 13.4124, 8.2155,
5.0551

■ 30.6562, 34.0043,
37.6208

■ 12.6643, 7.1781,
3.3919

■ 34.4701, 39.8222,
44.4719

■ 12.1573, 6.5084,
2.1611

■ 38.6989, 46.2914,
52.0111

■ 11.8381, 6.1103,
1.3143

■ 43.3545, 53.4313,
60.2570

■ 11.8097, 6.0728,
1.2450

■ 48.4486, 61.2605,
69.2274

■ 53.9921, 69.7967,
78.9395

Harmonies

Analogous

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



19.1488, 16.8244, 21.4660



19.2876, 16.8244, 16.6989



18.4987, 16.8244, 13.0493

Triad

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



19.2876, 16.8244, 16.6989



14.0261, 16.8244, 12.2981



14.9722, 16.8244, 28.2095

Complementary

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



19.2876, 16.8244, 16.6989



20.3798, 24.9988, 28.1784

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.



13.7210, 16.8244, 24.8447



19.2876, 16.8244, 16.6989



13.2011, 16.8244, 15.4955

Square

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



19.2876, 16.8244, 16.6989



15.4149, 16.8244, 10.8122



13.0934, 16.8244, 20.0404



16.5814, 16.8244, 28.6809

Rectangle

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



19.2876, 16.8244, 16.6989



17.5824, 16.8244, 11.5302



13.0934, 16.8244, 20.0404



14.4988, 16.8244, 27.3553

Sweetspot

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



19.2881, 16.8252, 16.6992



43.2645, 43.2395, 46.1828



20.5590, 17.2089, 29.0261



9.4780, 9.3976, 10.0035



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.



19.2881, 16.8252, 16.6992



32.1229, 26.5293, 25.2882



20.5689, 19.8860, 15.5873



5.4383, 5.4359, 5.8062



10.1359, 5.2114, 1.1012



0.1017, 0.0518, 0.0360

Inverse Universe

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



19.2881, 16.8252, 16.6992



32.1229, 26.5293, 25.2882



18.7276, 20.9737, 29.8493



5.4383, 5.4359, 5.8062



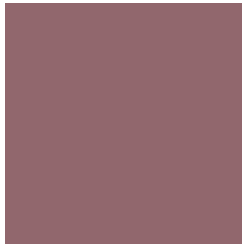
10.1359, 5.2114, 1.1012



0.1017, 0.0518, 0.0360

Previews

White Background



This preview shows how the XYZ color 19.2876, 16.8244, 16.6989 looks on a white background.

Color Contrast Check

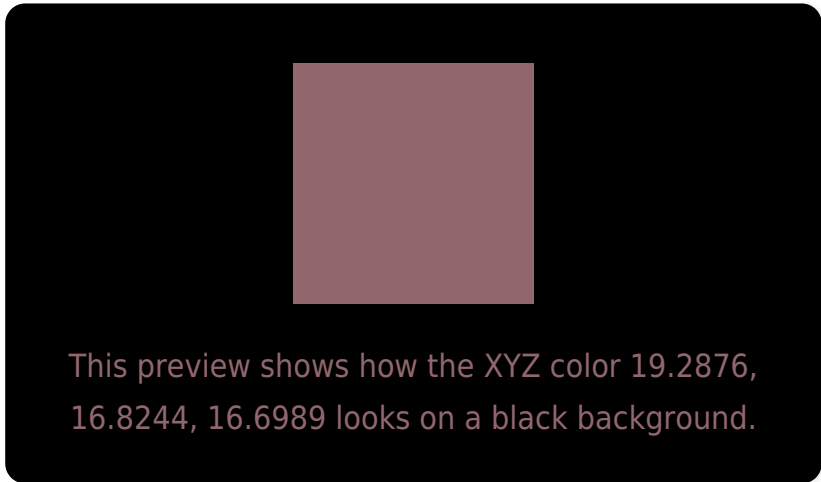
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

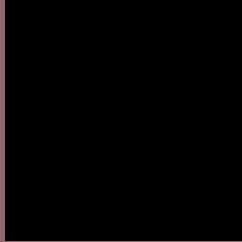
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.2876, 16.8244, 16.6989

Background



This preview shows how black text looks on a background with the XYZ color 19.2876, 16.8244, 16.6989.



This preview shows how white text looks on a background with the XYZ color 19.2876, 16.8244,

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

19.2876, 16.8244, 16.6989

Protanopia

16.3143, 16.9854, 18.6383

Deuteranopia

17.1848, 16.8238, 16.5289



Tritanopia

19.3965, 16.8679, 17.2725

Trichromacy



Original Color

19.2876, 16.8244, 16.6989

Protanomaly

17.3090, 16.8561, 17.9641

Deuteranomaly

17.7960, 16.6664, 16.4664

Tritanomaly

19.3418, 16.8460, 16.9840

Monochromacy



Original Color

19.2876, 16.8244, 16.6989

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.4175, 17.0732, 18.0002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2876, 16.8244, 16.6989 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(145, 103, 109)` looks like.

```
.text, #text, p{  
    color:rgb(145, 103, 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(145, 103, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 103, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.2876, 16.8244, 16.6989 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(145, 103, 109) }
```


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

```
.border{ border-color:rgb(145, 103, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 103, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 103, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 103, 109);  
box-shadow:4px 4px 4px 4px rgb(145, 103,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2876, 16.8244, 16.6989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 103, 109) }
```

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

```
.background{ background-color: rgb(145,  
103, 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](#).

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