

Converting Colors

XYZ(18.9497, 16.4471, 16.7621)

Have a look what the booklet for
XYZ(18.9497, 16.4471, 16.7621)
contains.

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Color

**XYZ(19.0133, 16.5362,
16.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	90666D
RGB	144, 102, 109
RGB Percent	56%, 40%, 43%
CMY	0.4353, 0.6000, 0.5725
CMYK	0.00, 0.29, 0.24, 0.44
HSL	350°, 17%, 48%
HSV	350°, 29%, 56%
XYZ	19.0133, 16.5362, 16.6577
YIQ	115.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

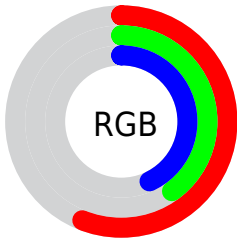
Format	Color
RYB	144, 102, 109
Decimal	9463405
CIELab	47.67, 17.98, 2.81
CIElCh	48, 18.199, 8.881
Yxy	16.5362, 0.3642, 0.3167
Android (android.graphics.Color)	4287653485 (0xFF90666D)
YUV	115.3560, -3.1335, 25.1208
Hunter-Lab	40.6647, 12.2966, 4.1780

Details

The XYZ color **19.0133, 16.5362, 16.6577** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9688, 24.5778, 27.3597**, and the grayscale version is **16.4086, 17.2631, 18.7995**.

A 20% lighter version of the original color is **41.2896, 37.4626, 38.3125**, and **6.6493, 5.3555, 5.2407** is the 20% darker color. If you saturate the color by 10%, you get **17.1166, 13.7070, 13.0528**, and if you desaturate by 10%, it is **21.2450, 19.8939, 20.8099**.

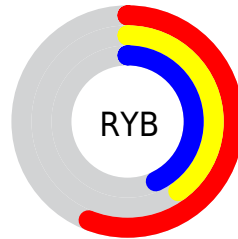
Distribution



Red (56%)

Green (40%)

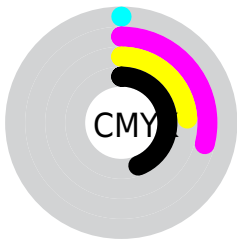
Blue (43%)



Red (56%)

Yellow (40%)

Blue (43%)

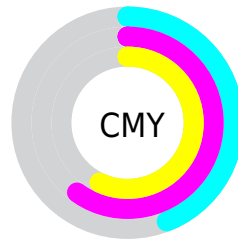


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (44%)



Cyan (44%)

Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0133, 16.5362, 16.6577 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 19.0133, 16.5362, 16.6577 by changing the saturation by 10% instead.

■ 19.0133, 16.5362,
16.6577

■ 19.0133, 16.5362,
16.6577

239.4589,
232.4853, 245.1688

■ 11.7840, 9.9044,
9.8314

■ 41.2733, 37.5266,
38.5189

■ 6.6679, 5.3356,
5.1832

■ 57.0346, 52.6540,
54.3908

■ 3.2998, 2.4455,
2.2945

■ 76.3706, 71.3820,
74.1149

■ 1.3142, 0.8491,
0.7281

■ 99.6467, 94.0950,
98.1099

■ 0.1938, 0.0000,
0.0000

127.2283,
121.1774, 126.7943

■ 0.0000, 0.0000,
0.0000

159.4806,

153.0137, 160.5865

196.7690,
189.9882, 199.9052

■ 19.0133, 16.5362,
16.6577

■ 19.0133, 16.5362,
16.6577

■ 17.1166, 13.7070,
13.0528

■ 21.2450, 19.8939,
20.8099

■ 15.5373, 11.3771,
9.9712

■ 23.8254, 23.8028,
25.5299

■ 14.2581, 9.5181,
7.3887

■ 26.7693, 28.2870,
30.8385

■ 13.2597, 8.0978,
5.2787

■ 30.0901, 33.3683,
36.7550

■ 12.5203, 7.0798,
3.6120

■ 33.8004, 39.0677,
43.2980

■ 12.0150, 6.4218,
2.3562

■ 37.9124, 45.4051,
50.4852

■ 11.6901, 6.0256,
1.4663

■ 42.4378, 52.3993,
58.3335

■ 11.6664, 5.9952,
1.4060

■ 47.3875, 60.0685,
66.8594

■ 52.7725, 68.4301,
76.0786

Harmonies

Analogous

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



18.8181, 16.5362, 21.4282



19.0133, 16.5362, 16.6577



18.2790, 16.5362, 12.9487

Triad

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



19.0133, 16.5362, 16.6577



13.8350, 16.5362, 11.8951



14.6173, 16.5362, 27.7170

Complementary

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



19.0133, 16.5362, 16.6577



19.9688, 24.5778, 27.3597

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.



13.4066, 16.5362, 24.2314



19.0133, 16.5362, 16.6577



12.9771, 16.5362, 14.9675

Square

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



19.0133, 16.5362, 16.6577



15.2394, 16.5362, 10.5276



12.8258, 16.5362, 19.4233



16.2048, 16.5362, 28.3810

Rectangle

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



19.0133, 16.5362, 16.6577



17.3892, 16.5362, 11.3754



12.8258, 16.5362, 19.4233



14.1559, 16.5362, 26.8109

Sweetspot

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



19.0138, 16.5370, 16.6580



42.0125, 41.9674, 45.0105



20.1025, 16.8356, 28.5757



9.4879, 9.4015, 10.0556



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.



19.0138, 16.5370, 16.6580



31.2780, 25.7939, 25.1070



20.1458, 19.3801, 15.2503



5.4433, 5.4378, 5.8323



10.1657, 5.2233, 1.2579



0.1027, 0.0522, 0.0413

Inverse Universe

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



19.0138, 16.5370, 16.6580



31.2780, 25.7939, 25.1070



18.4968, 20.8043, 29.4264



5.4433, 5.4378, 5.8323



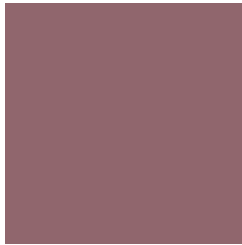
10.1657, 5.2233, 1.2579



0.1027, 0.0522, 0.0413

Previews

White Background



This preview shows how the XYZ color 19.0133, 16.5362, 16.6577 looks on a white background.

Color Contrast Check

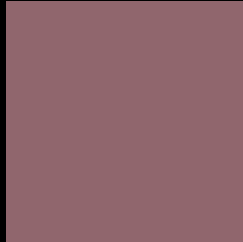
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0133, 16.5362, 16.6577 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 19.0133, 16.5362, 16.6577

Background



This preview shows how black text looks on a background with the XYZ color 19.0133, 16.5362, 16.6577.



This preview shows how white text looks on a background with the XYZ color 19.0133, 16.5362,

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

19.0133, 16.5362, 16.6577

Protanopia

16.0699, 16.6929, 18.5947

Deuteranopia

16.8869, 16.6702, 16.5150



Tritanopia

19.0674, 16.5578, 16.9429

Trichromacy



Original Color

19.0133, 16.5362, 16.6577

Protanomaly

17.0535, 16.5652, 17.9214

Deuteranomaly

17.6373, 16.5846, 16.4589

Tritanomaly

19.0674, 16.5578, 16.9429

Monochromacy



Original Color

19.0133, 16.5362, 16.6577

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.1608, 16.7797, 17.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0133, 16.5362, 16.6577 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(144, 102, 109)` looks like.

```
.text, #text, p{  
    color:rgb(144, 102, 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(144, 102, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 102, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.0133, 16.5362, 16.6577 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(144, 102, 109) }
```


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

```
.border{ border-color:rgb(144, 102, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 102, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 102, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 102, 109);  
box-shadow:4px 4px 4px 4px rgb(144, 102,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0133, 16.5362, 16.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 102, 109) }
```

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

```
.background{ background-color: rgb(144,  
102, 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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