

Converting Colors

XYZ(19.3931, 16.5931, 16.3680)

Have a look what the booklet for
XYZ(19.3931, 16.5931, 16.3680)
contains.

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Color

**XYZ(19.3931, 16.5931,
16.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	93656C
RGB	147, 101, 108
RGB Percent	58%, 40%, 42%
CMY	0.4235, 0.6039, 0.5765
CMYK	0.00, 0.31, 0.27, 0.42
HSL	351°, 19%, 49%
HSV	351°, 31%, 58%
XYZ	19.3931, 16.5931, 16.3680
YIQ	115.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

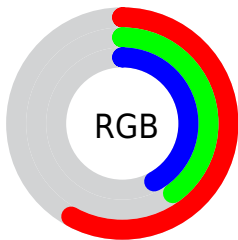
Format	Color
R_{YB}	147, 101, 108
Decimal	9659756
CIE Lab	47.74, 19.60, 3.56
CIE LCh	48, 19.921, 10.292
Yxy	16.5931, 0.3704, 0.3169
Android (android.graphics.Color)	4287849836 (0xFF93656C)
YUV	115.5520, -3.7231, 27.5799
Hunter-Lab	40.7346, 13.6954, 4.6903

Details

The XYZ color **19.3931, 16.5931, 16.3680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5349, 25.5281, 28.6574**, and the grayscale version is **16.4695, 17.3272, 18.8693**.

A 20% lighter version of the original color is **41.8434, 37.5162, 37.8369**, and **6.8808, 5.4082, 5.0961** is the 20% darker color. If you saturate the color by 10%, you get **17.4748, 13.7433, 12.6865**, and if you desaturate by 10%, it is **21.6624, 19.9930, 20.6348**.

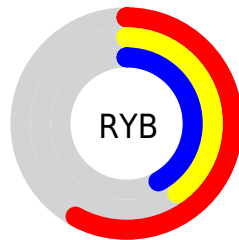
Distribution



Red (58%)

Green (40%)

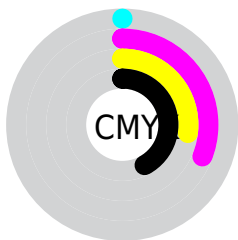
Blue (42%)



Red (58%)

Yellow (40%)

Blue (42%)

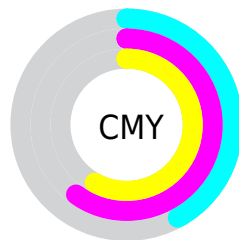


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (42%)



Cyan (42%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3931, 16.5931, 16.3680 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 19.3931, 16.5931, 16.3680 by changing the saturation by 10% instead.

■ 19.3931, 16.5931,
16.3680

■ 19.3931, 16.5931,
16.3680

241.5071,
232.8165, 243.4229

■ 12.0604, 9.9448,
9.6278

■ 41.9091, 37.6248,
38.0115

■ 6.8573, 5.3624,
5.0505

■ 57.8230, 52.7771,
53.7519

■ 3.4185, 2.4614,
2.2177

■ 77.3280, 71.5327,
73.3294

■ 1.3788, 0.8572,
0.6845

■ 100.7895, 94.2763,
97.1626

■ 0.2410, 0.0000,
0.0000

128.5728,
121.3920, 125.6700

■ 0.0000, 0.0000,
0.0000

161.0432,

153.2643, 159.2702

198.5662,
190.2777, 198.3816

■ 19.3931, 16.5931,
16.3680

■ 19.3931, 16.5931,
16.3680

■ 17.4748, 13.7433,
12.6865

■ 21.6624, 19.9930,
20.6348

■ 15.8887, 11.4124,
9.5638

■ 24.2978, 23.9675,
25.5099

■ 14.6159, 9.5697,
6.9725


■ 27.3151, 28.5421,
31.0165


■ 13.6353, 8.1805,
4.8827


■ 30.7287, 33.7404,
37.1759


■ 12.9232, 7.2050,
3.2615


■ 34.5523, 39.5847,
44.0087


 12.4517, 6.5970,
2.0719

 38.7990, 46.0960,
51.5344

 12.1810, 6.2624,
1.3442

 43.4811, 53.2945,
59.7720

 48.6108, 61.1996,
68.7394

 54.1993, 69.8299,
78.4540

Harmonies

Analogous

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



19.2263, 16.5931, 21.5869



19.3931, 16.5931, 16.3680



18.5353, 16.5931, 12.4292

Triad

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



19.3931, 16.5931, 16.3680



13.6552, 16.5931, 11.5615



14.6424, 16.5931, 28.9845

Complementary

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



19.3931, 16.5931, 16.3680



20.5349, 25.5281, 28.6574

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.



13.2966, 16.5931, 25.1944



19.3931, 16.5931, 16.3680



12.7571, 16.5931, 14.9522

Square

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



19.3931, 16.5931, 16.3680



15.1663, 16.5931, 10.0219



12.6310, 16.5931, 19.8798



16.3921, 16.5931, 29.5603

Rectangle

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



19.3931, 16.5931, 16.3680



17.5332, 16.5931, 10.8066



12.6310, 16.5931, 19.8798



14.1315, 16.5931, 28.0145

Sweetspot

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



19.3936, 16.5939, 16.3683



44.5936, 44.5560, 47.6652



20.6239, 16.9325, 29.7853



10.0219, 9.9323, 10.5916



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.3936, 16.5939, 16.3683



32.0996, 25.8033, 24.2779



20.6660, 19.7111, 15.0283



5.8346, 5.8289, 6.2353



10.5665, 5.4317, 1.1984



0.1362, 0.0692, 0.0507

Inverse Universe

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



19.3936, 16.5939, 16.3683



32.0996, 25.8033, 24.2779



18.8401, 21.2862, 30.7196



5.8346, 5.8289, 6.2353



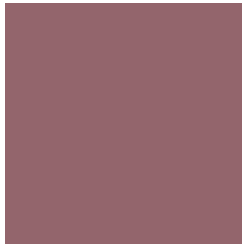
10.5665, 5.4317, 1.1984



0.1362, 0.0692, 0.0507

Previews

White Background



This preview shows how the XYZ color 19.3931, 16.5931, 16.3680 looks on a white background.

Color Contrast Check

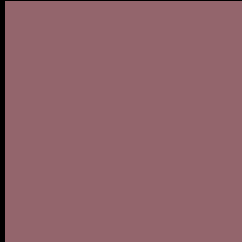
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3931, 16.5931, 16.3680 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 19.3931, 16.5931, 16.3680

Background



This preview shows how black text looks on a background with the XYZ color 19.3931, 16.5931, 16.3680.



This preview shows how white text looks on a background with the XYZ color 19.3931, 16.5931,

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

19.3931, 16.5931, 16.3680

Protanopia

16.0699, 16.6929, 18.5947

Deuteranopia

16.9298, 16.7045, 15.9677



Tritanopia

19.4466, 16.6145, 16.6500

Trichromacy



Original Color

19.3931, 16.5931, 16.3680

Protanomaly

17.1457, 16.6192, 17.6334

Deuteranomaly

17.7431, 16.6453, 16.1876

Tritanomaly

19.4466, 16.6145, 16.6500

Monochromacy



Original Color

19.3931, 16.5931, 16.3680

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 19.3931, 16.5931, 16.3680 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(147, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 101, 108)  
}
```

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(147, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 101, 108) }
```

Border

The CSS property to change the border of an element to XYZ 19.3931, 16.5931, 16.3680 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(147, 101, 108) }
```


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

```
.border{ border-color:rgb(147, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 101,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3931, 16.5931, 16.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 101, 108) }
```

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

```
.background{ background-color: rgb(147,  
101, 108) }
```

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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