

Converting Colors

XYZ(19.4922, 16.4265, 13.9742)

Have a look what the booklet for
XYZ(19.4922, 16.4265, 13.9742)
contains.

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Color

**XYZ(19.4765, 16.4038,
13.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	976363
RGB	151, 99, 99
RGB Percent	59%, 39%, 39%
CMY	0.4078, 0.6118, 0.6118
CMYK	0.00, 0.34, 0.34, 0.41
HSL	0°, 21%, 49%
HSV	0°, 34%, 59%
XYZ	19.4765, 16.4038, 13.9441
YIQ	114.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

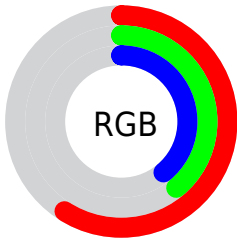
Format	Color
R _Y B	151, 99, 99
Decimal	9921379
CIE Lab	47.50, 21.07, 8.67
CIE LCh	47, 22.786, 22.370
Yxy	16.4038, 0.3909, 0.3292
Android (android.graphics.Color)	4288111459 (0xFF976363)
YUV	114.5480, -7.6652, 31.9684
Hunter-Lab	40.5016, 14.9597, 7.9385

Details

The XYZ color **19.4765, 16.4038, 13.9441** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7978, 27.0195, 33.3448**, and the grayscale version is **16.1752, 17.0176, 18.5321**.

A 20% lighter version of the original color is **42.1435, 37.2801, 33.8287**, and **6.9076, 5.3097, 4.0290** is the 20% darker color. If you saturate the color by 10%, you get **17.5218, 13.5437, 10.0578**, and if you desaturate by 10%, it is **21.8345, 19.8544, 18.6312**.

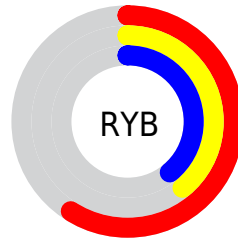
Distribution



Red (59%)

Green (39%)

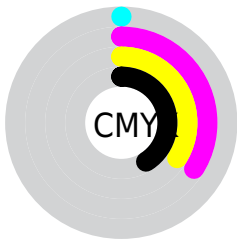
Blue (39%)



Red (59%)

Yellow (39%)

Blue (39%)

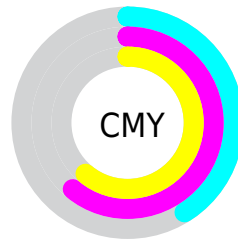


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (41%)



Cyan (41%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4765, 16.4038, 13.9441 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 19.4765, 16.4038, 13.9441 by changing the saturation by 10% instead.

■ 19.4765, 16.4038,
13.9441

■ 19.4765, 16.4038,
13.9441

241.9548,
231.7128, 228.2991

■ 12.1211, 9.8103,
7.9435

■ 42.0484, 37.2978,
33.7055

■ 6.8990, 5.2734,
3.9716

■ 57.9957, 52.3672,
48.3034

■ 3.4448, 2.4085,
1.6098

■ 77.5376, 71.0306,
66.6041

■ 1.3931, 0.8303,
0.2978

■ 101.0395, 93.6725,
89.0262

■ 0.2513, 0.0000,
0.0000

128.8669,
120.6773, 115.9882

■ 0.0000, 0.0000,
0.0000

161.3850,

152.4293, 147.9087

198.9591,
189.3130, 185.2061

■ 19.4765, 16.4038,
13.9441

■ 19.4765, 16.4038,
13.9441

■ 17.5218, 13.5437,
10.0578

■ 21.8345, 19.8544,
18.6312

■ 15.9467, 11.2389,
6.9267

■ 24.6153, 23.9235,
24.1593

■ 14.7270, 9.4539,
4.5019


■ 27.8386, 28.6401,
30.5671


■ 13.8349, 8.1486,
2.7286

■ 31.5226, 34.0307,
37.8908


■ 13.2389, 7.2764,
1.5439


■ 35.6843, 40.1205,
46.1642


 12.8999, 6.7803,
0.8701

 40.3400, 46.9330,
55.4197

 12.7627, 6.5795,
0.5973

 45.5051, 54.4910,
65.6880

 51.1945, 62.8162,
76.9986

 57.4224, 71.9292,
89.3797

Harmonies

Analogous

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



19.7779, 16.4038, 19.3830



19.4765, 16.4038, 13.9441



18.0917, 16.4038, 10.4049

Triad

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



19.4765, 16.4038, 13.9441



12.7063, 16.4038, 11.8806



15.0800, 16.4038, 31.3508

Complementary

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



19.4765, 16.4038, 13.9441



21.7978, 27.0195, 33.3448

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.



13.3326, 16.4038, 28.2285



19.4765, 16.4038, 13.9441



12.0416, 16.4038, 16.4207

Square

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



19.4765, 16.4038, 13.9441



14.1558, 16.4038, 9.4058



12.2606, 16.4038, 22.4501



17.1207, 16.4038, 30.2856

Rectangle

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



19.4765, 16.4038, 13.9441



16.8007, 16.4038, 9.2016



12.2606, 16.4038, 22.4501



14.4414, 16.4038, 30.7363

Sweetspot

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



19.4769, 16.4046, 13.9444



46.4297, 46.2780, 47.9316



22.8104, 17.7376, 31.4998



10.3865, 10.2750, 10.5636



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4769, 16.4046, 13.9444



32.2278, 25.4966, 19.6990



22.3484, 22.1476, 14.9016



6.2088, 6.2227, 6.4797



10.8575, 5.5974, 0.5081



0.1623, 0.0837, 0.0076

Inverse Universe

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



21.7978, 27.0195, 33.3448



37.0037, 47.3399, 59.6209



18.0653, 19.5545, 32.1006



6.3846, 7.0265, 7.9487



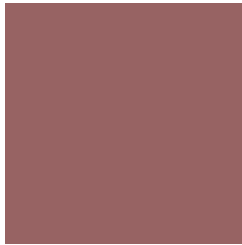
14.1656, 20.7279, 28.1620



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 19.4765, 16.4038, 13.9441 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 19.4765, 16.4038, 13.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

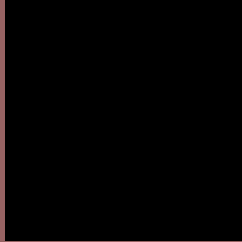
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4765, 16.4038, 13.9441

Background



This preview shows how black text looks on a background with the XYZ color 19.4765, 16.4038, 13.9441.



This preview shows how white text looks on a background with the XYZ color 19.4765, 16.4038,

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

19.4765, 16.4038, 13.9441

Protanopia

15.8428, 16.6328, 16.0111

Deuteranopia

16.8322, 16.5462, 13.6158



Tritanopia

19.8664, 16.4307, 15.4890

Trichromacy



Original Color

19.4765, 16.4038, 13.9441

Protanomaly

16.8640, 16.3715, 15.1032

Deuteranomaly

17.7374, 16.3883, 13.7837

Tritanomaly

19.7648, 16.3900, 14.9538

Monochromacy



Original Color

19.4765, 16.4038, 13.9441

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.1310, 16.6306, 16.7751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4765, 16.4038, 13.9441 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(151, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(151, 99, 99)  
}
```

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(151, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 99, 99) }
```

Border

The CSS property to change the border of an element to XYZ 19.4765, 16.4038, 13.9441 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(151, 99, 99) }
```


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

```
.border{ border-color:rgb(151, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(151, 99,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4765, 16.4038, 13.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 99, 99) }
```

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

```
.background{ background-color: rgb(151, 99,  
99) }
```

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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