

Converting Colors

XYZ(18.4836, 16.0315, 13.9228)

Have a look what the booklet for
XYZ(18.4836, 16.0315, 13.9228)
contains.

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Color

**XYZ(18.4864, 16.0349,
13.9251)**

Conversions

Conversions Part 1

Format	Color
Hex	916463
RGB	145, 100, 99
RGB Percent	57%, 39%, 39%
CMY	0.4314, 0.6078, 0.6118
CMYK	0.00, 0.31, 0.32, 0.43
HSL	1°, 19%, 48%
HSV	1°, 32%, 57%
XYZ	18.4864, 16.0349, 13.9251
YIQ	113.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

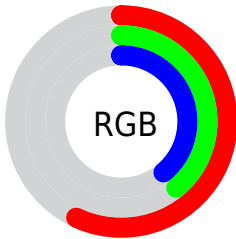
Format	Color
R_{YB}	145, 100, 99
Decimal	9528419
CIE _{Lab}	47.02, 18.06, 7.89
CIE _{LCh}	47, 19.705, 23.606
Yxy	16.0349, 0.3816, 0.3310
Android (android.graphics.Color)	4287718499 (0xFF916463)
YUV	113.3410, -7.0701, 27.7649
Hunter-Lab	40.0436, 12.3294, 7.4125

Details

The XYZ color **18.4864, 16.0349, 13.9251** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.2295, 24.6430, 30.4787**, and the grayscale version is **15.8124, 16.6359, 18.1165**.

A 20% lighter version of the original color is **40.3910, 36.6146, 33.7926**, and **6.4299, 5.1304, 4.0195** is the 20% darker color. If you saturate the color by 10%, you get **16.6105, 13.2945, 10.1813**, and if you desaturate by 10%, it is **20.7246, 19.3003, 18.4041**.

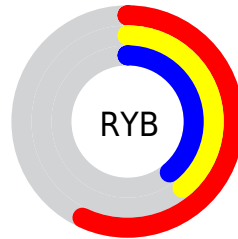
Distribution



Red (57%)

Green (39%)

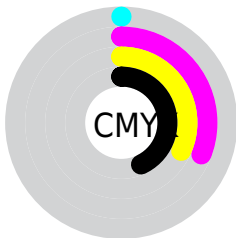
Blue (39%)



Red (57%)

Yellow (39%)

Blue (39%)

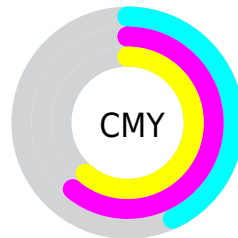


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (43%)



Cyan (43%)


Magenta (61%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4864, 16.0349, 13.9251 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 18.4864, 16.0349, 13.9251 by changing the saturation by 10% instead.


 18.4864, 16.0349,
13.9251


 18.4864, 16.0349,
13.9251


236.5915,
229.5476, 228.1766


 11.4016, 9.5489,
7.9304


 40.3880, 36.6588,
33.6713


 6.4069, 5.1009,
3.9633


 55.9355, 51.5654,
48.2599

 3.1370, 2.3066,
1.6052

 75.0346, 70.0477,
66.5502

 1.2266, 0.7772,
0.2946

 98.0507, 92.4900,
88.9608

 0.1272, 0.0000,
0.0000

125.3490,
119.2767, 115.9102

 0.0000, 0.0000,
0.0000

157.2950,

150.7923, 147.8169

194.2541,
187.4211, 185.0995

■ 18.4864, 16.0349,
13.9251

■ 18.4864, 16.0349,
13.9251

■ 16.6105, 13.2945,
10.1813

■ 20.7246, 19.3003,
18.4041

■ 15.0765, 11.0497,
7.1327

■ 23.3412, 23.1138,
23.6536

■ 13.8644, 9.2715,
4.7365

■ 26.3532, 27.4996,
29.7078

■ 12.9510, 7.9272,
2.9454

■ 29.7760, 32.4800,
36.5987

■ 12.3107, 6.9795,
1.7052

■ 33.6242, 38.0762,
44.3562

■ 11.9129, 6.3851,
0.9524

■ 37.9117, 44.3080,
53.0092

■ 11.7115, 6.0884,
0.5579

■ 42.6518, 51.1946,
62.5848

■ 47.8571, 58.7543,
73.1092

■ 53.5400, 67.0047,
84.6076

Harmonies

Analogous

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



18.7801, 16.0349, 18.5387



18.4864, 16.0349, 13.9251



17.2946, 16.0349, 10.8750

Triad

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



18.4864, 16.0349, 13.9251



12.7237, 16.0349, 12.4079



14.8743, 16.0349, 28.7026

Complementary

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



18.4864, 16.0349, 13.9251



20.2295, 24.6430, 30.4787

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.



13.3562, 16.0349, 26.2759



18.4864, 16.0349, 13.9251



12.1765, 16.0349, 16.4226

Square

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



18.4864, 16.0349, 13.9251



13.9507, 16.0349, 10.1215



12.3990, 16.0349, 21.5459



16.6078, 16.0349, 27.6899

Rectangle

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



18.4864, 16.0349, 13.9251



16.1961, 16.0349, 9.8401



12.3990, 16.0349, 21.5459



14.3236, 16.0349, 28.2493

Sweetspot

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



18.4868, 16.0357, 13.9254



42.5715, 42.5163, 43.9087



21.1910, 16.9644, 28.6370



9.3288, 9.2518, 9.4834



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.



18.4868, 16.0357, 13.9254



30.6667, 25.1531, 20.0665



20.9835, 21.0289, 14.7576



5.4177, 5.4417, 5.6542



10.0478, 5.2273, 0.4794



0.0976, 0.0530, 0.0051

Inverse Universe

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



20.2295, 24.6430, 30.4787



34.2875, 43.0415, 54.4742



17.1224, 18.4287, 29.4430



5.5503, 6.0964, 6.9130



12.6628, 18.3115, 25.8442



0.1231, 0.1792, 0.2478

Previews

White Background



This preview shows how the XYZ color 18.4864, 16.0349, 13.9251 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 18.4864, 16.0349, 13.9251 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 18.4864, 16.0349, 13.9251

Background



This preview shows how black text looks on a background with the XYZ color 18.4864, 16.0349, 13.9251.



This preview shows how white text looks on a background with the XYZ color 18.4864, 16.0349,

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

18.4864, 16.0349, 13.9251

Protanopia

15.3045, 16.0336, 15.6528

Deuteranopia

16.4693, 16.1962, 13.8134



Tritanopia

18.9174, 16.0753, 15.7415

Trichromacy



Original Color

18.4864, 16.0349, 13.9251

Protanomaly

16.3101, 15.9303, 15.0472

Deuteranomaly

17.0877, 16.0533, 13.7533

Tritanomaly

18.7641, 16.0139, 14.9340

Monochromacy



Original Color

18.4864, 16.0349, 13.9251

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5268, 16.1678, 16.4370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4864, 16.0349, 13.9251 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, 100, 99)` looks like.

```
.text, #text, p{  
    color:rgb(145, 100, 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(145, 100, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 100, 99) }
```

Border

The CSS property to change the border of an element to XYZ 18.4864, 16.0349, 13.9251 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, 100, 99) }
```


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

```
.border{ border-color:rgb(145, 100, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 100, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 100, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 100, 99);  
box-shadow:4px 4px 4px 4px rgb(145, 100,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4864, 16.0349, 13.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 100, 99) }
```

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

```
.background{ background-color: rgb(145,  
100, 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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