

Converting Colors

XYZ(16.2784, 14.5456, 18.0262)

Have a look what the booklet for
XYZ(16.2784, 14.5456, 18.0262)
contains.

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Color

**XYZ(16.3643, 14.5624,
18.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	806273
RGB	128, 98, 115
RGB Percent	50%, 38%, 45%
CMY	0.4980, 0.6157, 0.5490
CMYK	0.00, 0.23, 0.10, 0.50
HSL	326°, 13%, 44%
HSV	326°, 23%, 50%
XYZ	16.3643, 14.5624, 18.1680
YIQ	108.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

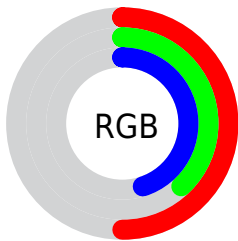
Format	Color
R_{YB}	128, 98, 115
Decimal	8413811
CIE Lab	45.03, 15.10, -4.88
CIE LCh	45, 15.871, 342.078
Yxy	14.5624, 0.3333, 0.2966
Android (android.graphics.Color)	4286603891 (0xFF806273)
YUV	108.9080, 3.0034, 16.7437
Hunter-Lab	38.1607, 9.7642, -1.5150

Details

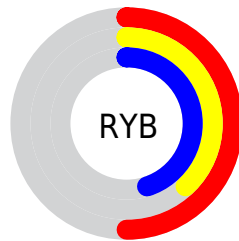
The XYZ color **16.3643, 14.5624, 18.1680** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6260, 19.1831, 17.9190**, and the grayscale version is **14.4994, 15.2545, 16.6122**.

A 20% lighter version of the original color is **36.7786, 34.1087, 41.2044**, and **5.3388, 4.3926, 5.8767** is the 20% darker color. If you saturate the color by 10%, you get **14.9515, 12.2322, 16.1694**, and if you desaturate by 10%, it is **17.9887, 17.2847, 20.3323**.

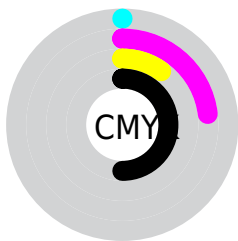
Distribution



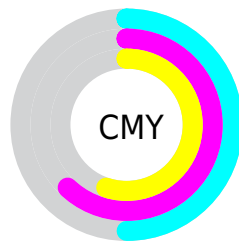
- Red (50%)
- Green (38%)
- Blue (45%)



- Red (50%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3643, 14.5624, 18.1680 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 16.3643, 14.5624, 18.1680 by changing the saturation by 10% instead.

■ 16.3643, 14.5624,
18.1680

■ 16.3643, 14.5624,
18.1680

224.7103,
220.7020, 254.0841

■ 9.8748, 8.5129,
10.9000

■ 36.7819, 34.0836,
41.1412

■ 5.3776, 4.4248,
5.8863

■ 51.4406, 48.3241,
57.6834

■ 2.5075, 1.9139,
2.7084

■ 69.5532, 66.0637,
78.1542

■ 0.8990, 0.5567,
0.9476

■ 91.4849, 87.6868,
102.9719

■ 0.0000, 0.0000,
0.0000

117.6011,
113.5778, 132.5553

148.2671,

144.1211, 167.3227

183.8484,
179.7010, 207.6928

■ 16.3643, 14.5624,
18.1680

■ 16.3643, 14.5624,
18.1680

■ 14.9515, 12.2322,
16.1694

■ 17.9887, 17.2847,
20.3323

■ 13.7396, 10.2739,
14.3307

■ 19.8323, 20.4142,
22.6659

■ 12.7189, 8.6682,
12.6472

■ 21.9037, 23.9676,
25.1734

■ 11.8783, 7.3936,
11.1134

■ 24.2108, 27.9602,
27.8590

■ 11.2054, 6.4259,
9.7234

■ 26.7611, 32.4064,
30.7266

■ 10.6864, 5.7380,
8.4708

■ 29.5617, 37.3199,
33.7802

■ 10.3038, 5.2958,
7.3478

■ 32.6195, 42.7141,
37.0234

■ 10.0892, 5.0641,
6.6675

■ 35.9410, 48.6014,
40.4598

■ 39.5324, 54.9943,
44.0929

Harmonies

Analogous

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



15.5888, 14.5624, 21.8000



16.3643, 14.5624, 18.1680



16.4383, 14.5624, 14.4016

Triad

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



16.3643, 14.5624, 18.1680



13.3235, 14.5624, 9.8238



12.0636, 14.5624, 21.1666

Complementary

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



16.3643, 14.5624, 18.1680



15.6260, 19.1831, 17.9190

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.



11.5330, 14.5624, 17.4051



16.3643, 14.5624, 18.1680



12.2292, 14.5624, 11.1044

Square

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



16.3643, 14.5624, 18.1680



14.6265, 14.5624, 9.9621



11.5916, 14.5624, 13.7489



13.0844, 14.5624, 23.7094

Rectangle

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



16.3643, 14.5624, 18.1680



16.0743, 14.5624, 12.3427



11.5916, 14.5624, 13.7489



11.8250, 14.5624, 19.9797

Sweetspot

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



16.3647, 14.5631, 18.1683



33.6620, 33.8033, 38.3403



14.8201, 13.6742, 22.2805



7.8468, 7.8558, 8.9331



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.3647, 14.5631, 18.1683



27.4710, 23.4188, 30.1189



15.5706, 14.2454, 13.9864



4.4218, 4.3819, 5.0258



10.0048, 5.0216, 6.6149



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3647, 14.5631, 18.1683



27.4710, 23.4188, 30.1189



16.5226, 19.5417, 22.6400



4.4218, 4.3819, 5.0258



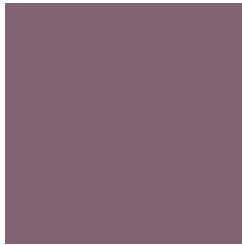
10.0048, 5.0216, 6.6149



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3643, 14.5624, 18.1680 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 16.3643, 14.5624, 18.1680 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

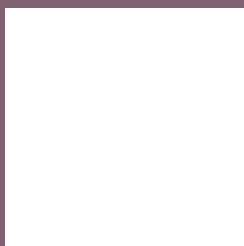
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3643, 14.5624, 18.1680

Background



This preview shows how black text looks on a background with the XYZ color 16.3643, 14.5624, 18.1680.



This preview shows how white text looks on a background with the XYZ color 16.3643, 14.5624,

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

16.3643, 14.5624, 18.1680

Protanopia

14.3699, 14.6674, 19.8430

Deuteranopia

14.9270, 14.6929, 17.9689



Tritanopia

15.8681, 14.4972, 15.8718

Trichromacy



Original Color

16.3643, 14.5624, 18.1680

Protanomaly

14.9303, 14.5192, 19.1551

Deuteranomaly

15.3964, 14.6396, 17.9338

Tritanomaly

16.0287, 14.5615, 16.7177

Monochromacy



Original Color

16.3643, 14.5624, 18.1680

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1233, 14.9639, 17.1302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3643, 14.5624, 18.1680 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(128, 98, 115)` looks like.

```
.text, #text, p{  
    color:rgb(128, 98, 115)  
}
```

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(128, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 98, 115) }
```

Border

The CSS property to change the border of an element to XYZ 16.3643, 14.5624, 18.1680 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(128, 98, 115) }
```


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

```
.border{ border-color:rgb(128, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 98, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 98, 115);  
box-shadow:4px 4px 4px 4px rgb(128, 98,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3643, 14.5624, 18.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 98, 115) }
```

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

```
.background{ background-color: rgb(128, 98,  
115) }
```

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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