

Converting Colors

XYZ(16.2515, 14.5967, 16.4770)

Have a look what the booklet for
XYZ(16.2515, 14.5967, 16.4770)
contains.

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Color

**XYZ(16.1813, 14.5066,
16.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	81626D
RGB	129, 98, 109
RGB Percent	51%, 38%, 43%
CMY	0.4941, 0.6157, 0.5725
CMYK	0.00, 0.24, 0.16, 0.49
HSL	339°, 14%, 45%
HSV	339°, 24%, 51%
XYZ	16.1813, 14.5066, 16.4152
YIQ	108.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

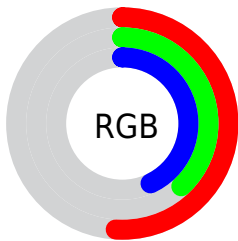
Format	Color
R_{YB}	129, 98, 109
Decimal	8479341
CIE Lab	44.95, 14.40, -1.36
CIE LCh	45, 14.461, 354.614
Yxy	14.5066, 0.3435, 0.3080
Android (android.graphics.Color)	4286669421 (0xFF81626D)
YUV	108.5230, 0.2352, 17.9583
Hunter-Lab	38.0875, 9.1817, 1.1081

Details

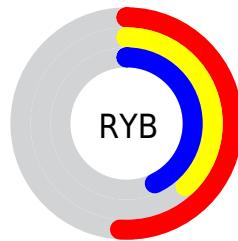
The XYZ color **16.1813, 14.5066, 16.4152** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.1579, 19.6057, 20.0732**, and the grayscale version is **14.3977, 15.1475, 16.4956**.

A 20% lighter version of the original color is **36.3840, 33.9780, 37.8985**, and **5.2778, 4.3777, 5.1242** is the 20% darker color. If you saturate the color by 10%, you get **14.6432, 12.1137, 13.7956**, and if you desaturate by 10%, it is **17.9572, 17.3069, 19.3238**.

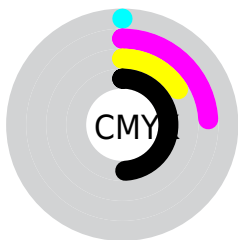
Distribution



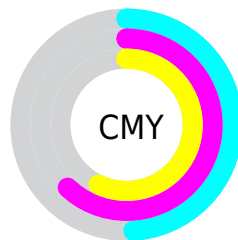
- Red (51%)
- Green (38%)
- Blue (43%)



- Red (51%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1813, 14.5066, 16.4152 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 16.1813, 14.5066, 16.4152 by changing the saturation by 10% instead.

■ 16.1813, 14.5066,
16.4152

■ 16.1813, 14.5066,
16.4152

223.6586,
220.3600, 243.7082

■ 9.7442, 8.4738,
9.6609

■ 36.4676, 33.9853,
38.0943

■ 5.2906, 4.3996,
5.0721

■ 51.0475, 48.1999,
53.8562

■ 2.4553, 1.8995,
2.2301

■ 69.0723, 65.9107,
73.4577

■ 0.8728, 0.5481,
0.6917

■ 90.9075, 87.5020,
97.3173

■ 0.0000, 0.0000,
0.0000

116.9183,
113.3582, 125.8536

147.4702,

143.8637, 159.4852

182.9285,
179.4028, 198.6306

■ 16.1813, 14.5066,
16.4152

■ 16.1813, 14.5066,
16.4152

■ 14.6432, 12.1137,
13.7956

■ 17.9572, 17.3069,
19.3238

■ 13.3312, 10.1071,
11.4548

■ 19.9796, 20.5305,
22.5293

■ 12.2344, 8.4669,
9.3833


■ 22.2579, 24.1947,
26.0404


■ 11.3406, 7.1705,
7.5706


■ 24.8011, 28.3153,
29.8652


■ 10.6360, 6.1929,
6.0056


■ 27.6174, 32.9075,
34.0116


 10.1053, 5.5054,
4.6760


 30.7149, 37.9856,
38.4869

 9.7288, 5.0711,
3.5678

 34.1010, 43.5633,
43.2984

 9.5420, 4.8626,
2.9965

 37.7832, 49.6538,
48.4531

 41.7686, 56.2698,
53.9578

Harmonies

Analogous

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



15.7288, 14.5066, 19.8800



16.1813, 14.5066, 16.4152



15.9633, 14.5066, 13.2321

Triad

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



16.1813, 14.5066, 16.4152



12.8614, 14.5066, 10.5779



12.5112, 14.5066, 21.7299

Complementary

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



16.1813, 14.5066, 16.4152



16.1579, 19.6057, 20.0732

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.



11.8200, 14.5066, 18.6697



16.1813, 14.5066, 16.4152



12.0139, 14.5066, 12.3122

Square

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



16.1813, 14.5066, 16.4152



14.0029, 14.5066, 10.1522



11.6433, 14.5066, 15.1911



13.5755, 14.5066, 23.2169

Rectangle

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



16.1813, 14.5066, 16.4152



15.4732, 14.5066, 11.6440



11.6433, 14.5066, 15.1911



12.2300, 14.5066, 20.8316

Sweetspot

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



16.1817, 14.5073, 16.4155



34.5946, 34.8719, 38.4867



15.7522, 14.1470, 22.6696



7.7936, 7.8345, 8.6534



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.



16.1817, 14.5073, 16.4155



27.3697, 23.4698, 26.6828



16.0229, 15.0786, 13.6220



4.3859, 4.3675, 4.8366



9.3053, 4.7418, 2.9313



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1817, 14.5073, 16.4155



27.3697, 23.4698, 26.6828



16.3167, 18.8156, 23.5410



4.3859, 4.3675, 4.8366



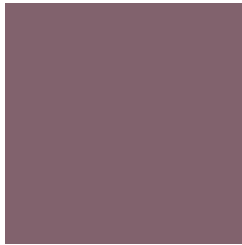
9.3053, 4.7418, 2.9313



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1813, 14.5066, 16.4152 looks on a white background.

Color Contrast Check

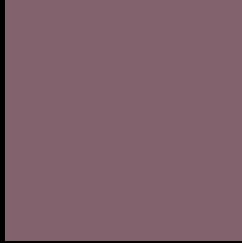
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1813, 14.5066, 16.4152 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

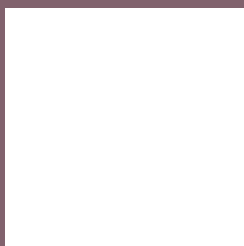
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1813, 14.5066, 16.4152

Background



This preview shows how black text looks on a background with the XYZ color 16.1813, 14.5066, 16.4152.



This preview shows how white text looks on a background with the XYZ color 16.1813, 14.5066,

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

16.1813, 14.5066, 16.4152

Protanopia

14.1352, 14.5871, 17.9902

Deuteranopia

14.7595, 14.4962, 16.2075



Tritanopia

16.0225, 14.4431, 15.5790

Trichromacy



Original Color

16.1813, 14.5066, 16.4152

Protanomaly

14.7143, 14.4478, 17.3424

Deuteranomaly

15.2456, 14.4550, 16.1739

Tritanomaly

16.0748, 14.4640, 15.8545

Monochromacy



Original Color

16.1813, 14.5066, 16.4152

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.0144, 14.9203, 16.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1813, 14.5066, 16.4152 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(129, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(129, 98, 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(129, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 98, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.1813, 14.5066, 16.4152 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(129, 98, 109) }
```


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

```
.border{ border-color:rgb(129, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(129, 98,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1813, 14.5066, 16.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 98, 109) }
```

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

```
.background{ background-color: rgb(129, 98,  
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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