

Converting Colors

XYZ(16.5981, 14.3148, 16.2351)

Have a look what the booklet for
XYZ(16.5981, 14.3148, 16.2351)
contains.

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Color

**XYZ(16.6840, 14.3569,
16.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	865F6D
RGB	134, 95, 109
RGB Percent	53%, 37%, 43%
CMY	0.4745, 0.6274, 0.5725
CMYK	0.00, 0.29, 0.19, 0.47
HSL	338°, 17%, 45%
HSV	338°, 29%, 53%
XYZ	16.6840, 14.3569, 16.3598
YIQ	108.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

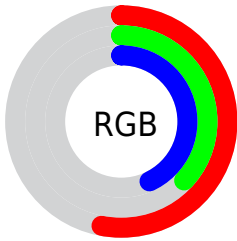
Format	Color
R_{YB}	134, 95, 109
Decimal	8806253
CIE Lab	44.74, 18.14, -1.60
CIE LCh	45, 18.215, 354.960
Yxy	14.3569, 0.3520, 0.3029
Android (android.graphics.Color)	4286996333 (0xFF865F6D)
YUV	108.2570, 0.3663, 22.5766
Hunter-Lab	37.8905, 12.2890, 0.9240

Details

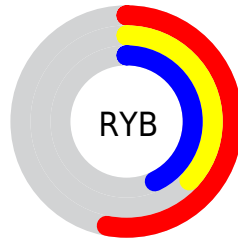
The XYZ color **16.6840, 14.3569, 16.3598** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6351, 20.8394, 20.9159**, and the grayscale version is **14.3217, 15.0675, 16.4085**.

A 20% lighter version of the original color is **37.3631, 33.7872, 37.8100**, and **5.4937, 4.3007, 5.0980** is the 20% darker color. If you saturate the color by 10%, you get **15.1392, 11.9714, 13.6738**, and if you desaturate by 10%, it is **18.4825, 17.1771, 19.3538**.

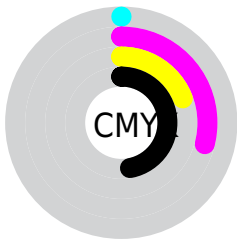
Distribution



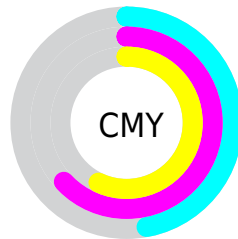
- Red (53%)
- Green (37%)
- Blue (43%)



- Red (53%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6840, 14.3569, 16.3598 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 16.6840, 14.3569, 16.3598 by changing the saturation by 10% instead.

■ 16.6840, 14.3569,
16.3598

■ 16.6840, 14.3569,
16.3598

226.5366,
219.4400, 243.3733

■ 10.1034, 8.3693,
9.6220

■ 37.3296, 33.7210,
37.9972

■ 5.5303, 4.3322,
5.0468

■ 52.1253, 47.8662,
53.7338

■ 2.5996, 1.8610,
2.2155

■ 70.3900, 65.4995,
73.3072

■ 0.9457, 0.5248,
0.6833

■ 92.4891, 87.0052,
97.1358

■ 0.0000, 0.0000,
0.0000

118.7879,
112.7677, 125.6381

149.6519,

143.1714, 159.2328

185.4464,
178.6007, 198.3384

■ 16.6840, 14.3569,
16.3598

■ 16.6840, 14.3569,
16.3598

■ 15.1392, 11.9714,
13.6738

■ 18.4825, 17.1771,
19.3538

■ 13.8349, 9.9968,
11.2844

■ 20.5446, 20.4503,
22.6645

■ 12.7586, 8.4102,
9.1810

■ 22.8810, 24.1960,
26.3018

■ 11.8962, 7.1854,
7.3520

■ 25.5018, 28.4322,
30.2745

■ 11.2317, 6.2929,
5.7845

■ 28.4161, 33.1757,
34.5912

■ 10.7468, 5.6989,
4.4647

■ 31.6329, 38.4428,
39.2601

■ 10.3962, 5.3151,
3.3691

■ 35.1608, 44.2487,
44.2893

■ 10.3670, 5.2825,
3.2800

■ 39.0080, 50.6083,
49.6865

■ 43.1823, 57.5358,
55.4590

Harmonies

Analogous

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



16.1130, 14.3569, 20.7986



16.6840, 14.3569, 16.3598



16.3941, 14.3569, 12.4367

Triad

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



16.6840, 14.3569, 16.3598



12.4789, 14.3569, 9.3422



12.0750, 14.3569, 23.3066

Complementary

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



16.6840, 14.3569, 16.3598



16.6351, 20.8394, 20.9159

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.



11.2232, 14.3569, 19.3330



16.6840, 14.3569, 16.3598



11.4443, 14.3569, 11.4012

Square

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



16.6840, 14.3569, 16.3598



13.8975, 14.3569, 8.8336



11.0008, 14.3569, 14.9265



13.3971, 14.3569, 25.2463

Rectangle

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



16.6840, 14.3569, 16.3598



15.7619, 14.3569, 10.5480



11.0008, 14.3569, 14.9265



11.7281, 14.3569, 22.1331

Sweetspot

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



16.6844, 14.3576, 16.3601



36.1603, 35.9719, 39.8738



16.1000, 13.8781, 24.3844



8.0375, 7.9303, 8.8105



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.6844, 14.3576, 16.3601



27.5326, 22.4106, 25.6097



16.4739, 15.0480, 12.8636



4.7365, 4.7143, 5.2249



9.7202, 4.9524, 3.0991



0.0369, 0.0185, 0.0279

Inverse Universe

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



16.6844, 14.3576, 16.3601



27.5326, 22.4106, 25.6097



16.8468, 19.8023, 25.4886



4.7365, 4.7143, 5.2249



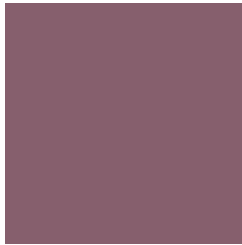
9.7202, 4.9524, 3.0991



0.0369, 0.0185, 0.0279

Previews

White Background



This preview shows how the XYZ color 16.6840, 14.3569, 16.3598 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 16.6840, 14.3569, 16.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

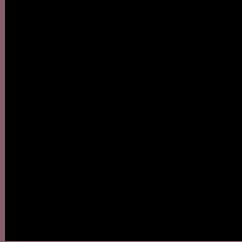
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6840, 14.3569, 16.3598

Background



This preview shows how black text looks on a background with the XYZ color 16.6840, 14.3569, 16.3598.



This preview shows how white text looks on a background with the XYZ color 16.6840, 14.3569,

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

16.6840, 14.3569, 16.3598

Protanopia

13.9718, 14.3442, 18.2520

Deuteranopia

14.7595, 14.4962, 16.2075



Tritanopia

16.3039, 14.3316, 14.7389

Trichromacy



Original Color

16.6840, 14.3569, 16.3598

Protanomaly

14.8368, 14.2126, 17.5841

Deuteranomaly

15.4323, 14.4080, 16.1550

Tritanomaly

16.4055, 14.3722, 15.2740

Monochromacy



Original Color

16.6840, 14.3569, 16.3598

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8931, 14.5651, 16.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6840, 14.3569, 16.3598 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(134, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(134, 95, 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(134, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 95, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.6840, 14.3569, 16.3598 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(134, 95, 109) }
```


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

```
.border{ border-color:rgb(134, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(134, 95,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6840, 14.3569, 16.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 95, 109) }
```

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

```
.background{ background-color: rgb(134, 95,  
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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