

Converting Colors

XYZ(16.8695, 14.0070, 18.6441)

Have a look what the booklet for
XYZ(16.8695, 14.0070, 18.6441)
contains.

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Color

**XYZ(16.8695, 14.0070,
18.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	865C75
RGB	134, 92, 117
RGB Percent	53%, 36%, 46%
CMY	0.4745, 0.6392, 0.5412
CMYK	0.00, 0.31, 0.13, 0.47
HSL	324°, 19%, 44%
HSV	324°, 31%, 53%
XYZ	16.8695, 14.0070, 18.6441
YIQ	107.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

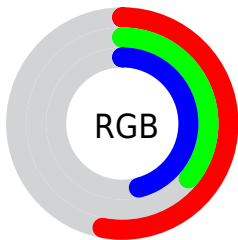
Format	Color
R_{YB}	134, 92, 117
Decimal	8805493
CIE Lab	44.24, 21.32, -7.19
CIE LCh	44, 22.503, 341.359
Yxy	14.0070, 0.3407, 0.2829
Android (android.graphics.Color)	4286995573 (0xFF865C75)
YUV	107.4080, 4.7289, 23.3212
Hunter-Lab	37.4259, 14.9624, -3.3378

Details

The XYZ color **16.8695, 14.0070, 18.6441** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.6996, 20.4299, 17.5848**, and the grayscale version is **14.0728, 14.8056, 16.1233**.

A 20% lighter version of the original color is **37.7229, 33.2009, 41.9563**, and **5.5798, 4.1454, 6.1363** is the 20% darker color. If you saturate the color by 10%, you get **15.5001, 11.7637, 16.6595**, and if you desaturate by 10%, it is **18.4636, 16.6696, 20.7950**.

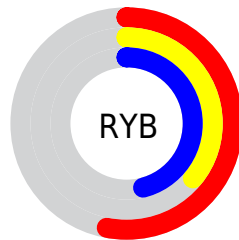
Distribution



Red (53%)

Green (36%)

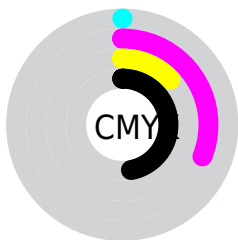
Blue (46%)



Red (53%)

Yellow (36%)

Blue (46%)

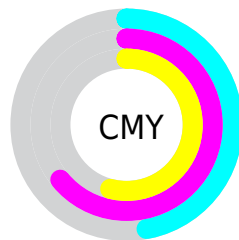


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8695, 14.0070, 18.6441 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 16.8695, 14.0070, 18.6441 by changing the saturation by 10% instead.

■ 16.8695, 14.0070,
18.6441

■ 16.8695, 14.0070,
18.6441

227.5902,
217.2744, 256.8338

■ 10.2362, 8.1255,
11.2392

■ 37.6467, 33.1014,
41.9605

■ 5.6193, 4.1754,
6.1118

■ 52.5212, 47.0832,
58.7091

■ 2.6535, 1.7721,
2.8433

■ 70.8736, 64.5339,
79.4093

■ 0.9733, 0.4697,
1.0152

■ 93.0692, 85.8378,
104.4797

■ 0.0000, 0.0000,
0.0000

119.4732,
111.3795, 134.3388

150.4512,

141.5432, 169.4051

186.3684,
176.7133, 210.0973

■ 16.8695, 14.0070,
18.6441

■ 16.8695, 14.0070,
18.6441

■ 15.5001, 11.7637,
16.6595

■ 18.4636, 16.6696,
20.7950

■ 14.3430, 9.9161,
14.8353

■ 20.2914, 19.7698,
23.1164

■ 13.3864, 8.4411,
13.1659

■ 22.3630, 23.3272,
25.6132

■ 12.6170, 7.3123,
11.6455

■ 24.6875, 27.3594,
28.2899

■ 12.0196, 6.4999,
10.2672

■ 27.2736, 31.8832,
31.1508

■ 11.5764, 5.9690,
9.0234

■ 30.1295, 36.9147,
34.1998

■ 11.2706, 5.6440,
8.0381

■ 33.2629, 42.4690,
37.4411

■ 36.6815, 48.5609,
40.8784

■ 40.3925, 55.2042,
44.5154

Harmonies

Analogous

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



15.7338, 14.0070, 23.9669



16.8695, 14.0070, 18.6441



17.0031, 14.0070, 13.3810

Triad

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



16.8695, 14.0070, 18.6441



12.6431, 14.0070, 7.4510



10.8807, 14.0070, 22.7836

Complementary

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



16.8695, 14.0070, 18.6441



15.6996, 20.4299, 17.5848

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.



10.2000, 14.0070, 17.2881



16.8695, 14.0070, 18.6441



11.1546, 14.0070, 8.9554

Square

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



16.8695, 14.0070, 18.6441



14.4505, 14.0070, 7.6549



10.2956, 14.0070, 12.2972



12.2373, 14.0070, 26.7038

Rectangle

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



16.8695, 14.0070, 18.6441



16.4929, 14.0070, 10.6525



10.2956, 14.0070, 12.2972



10.5710, 14.0070, 21.0132

Sweetspot

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



16.8699, 14.0076, 18.6444



36.4966, 36.1065, 41.6451



14.4129, 12.6148, 24.2296



8.1230, 7.9645, 9.2603



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.



16.8699, 14.0076, 18.6444



27.8781, 21.6496, 30.2014



15.7797, 13.5715, 12.9034



4.7802, 4.7318, 5.4548



10.5676, 5.2914, 7.5612



0.0402, 0.0198, 0.0453

Inverse Universe

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



16.8699, 14.0076, 18.6444



27.8781, 21.6496, 30.2014



16.9550, 20.9321, 24.1956



4.7802, 4.7318, 5.4548



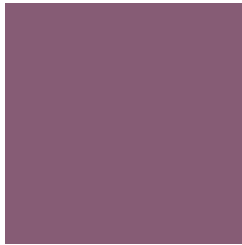
10.5676, 5.2914, 7.5612



0.0402, 0.0198, 0.0453

Previews

White Background



This preview shows how the XYZ color 16.8695, 14.0070, 18.6441 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 16.8695, 14.0070, 18.6441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

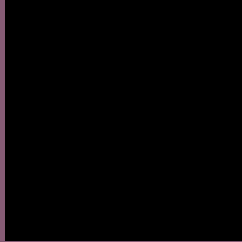
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8695, 14.0070, 18.6441

Background



This preview shows how black text looks on a background with the XYZ color 16.8695, 14.0070, 18.6441.



This preview shows how white text looks on a background with the XYZ color 16.8695, 14.0070,

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

16.8695, 14.0070, 18.6441

Protanopia

14.0188, 14.1480, 21.3940

Deuteranopia

14.2763, 14.0555, 18.1802



Tritanopia

16.0062, 14.0493, 14.4385

Trichromacy



Original Color

16.8695, 14.0070, 18.6441

Protanomaly

14.8801, 14.0302, 20.3362

Deuteranomaly

15.1278, 13.9183, 18.4122

Tritanomaly

16.3294, 14.0535, 15.7619

Monochromacy



Original Color

16.8695, 14.0070, 18.6441

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.9567, 14.4323, 17.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8695, 14.0070, 18.6441 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, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 117)  
}
```

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, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.8695, 14.0070, 18.6441 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, 92, 117) }
```


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

```
.border{ border-color:rgb(134, 92, 117) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8695, 14.0070, 18.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 117) }
```

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

```
.background{ background-color: rgb(134, 92,  
117) }
```

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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