

Converting Colors

XYZ(16.2836, 14.2348, 16.7925)

Have a look what the booklet for
XYZ(16.2836, 14.2348, 16.7925)
contains.

XYZ(16.4122, 14.3387, 16.9416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.4122, 14.3387,
16.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	83606F
RGB	131, 96, 111
RGB Percent	51%, 38%, 44%
CMY	0.4863, 0.6235, 0.5647
CMYK	0.00, 0.27, 0.15, 0.49
HSL	334°, 15%, 45%
HSV	334°, 27%, 51%
XYZ	16.4122, 14.3387, 16.9416
YIQ	108.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

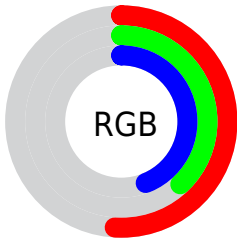
Format	Color
R_{YB}	131, 96, 111
Decimal	8609903
CIE _{Lab}	44.71, 16.73, -2.89
CIE _{LCh}	45, 16.974, 350.196
Yxy	14.3387, 0.3441, 0.3006
Android (android.graphics.Color)	4286799983 (0xFF83606F)
YUV	108.1750, 1.3927, 20.0175
Hunter-Lab	37.8665, 11.0997, -0.0200

Details

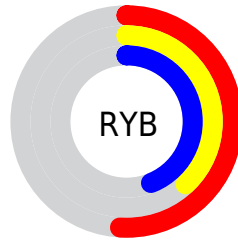
The XYZ color **16.4122, 14.3387, 16.9416** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0931, 19.9808, 19.5323**, and the grayscale version is **14.2963, 15.0409, 16.3795**.

A 20% lighter version of the original color is **36.8117, 33.7021, 39.2153**, and **5.3889, 4.3048, 5.2495** is the 20% darker color. If you saturate the color by 10%, you get **14.9201, 11.9867, 14.4951**, and if you desaturate by 10%, it is **18.1389, 17.1042, 19.6371**.

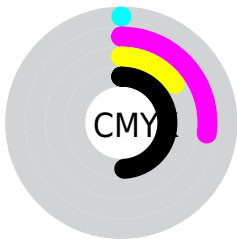
Distribution



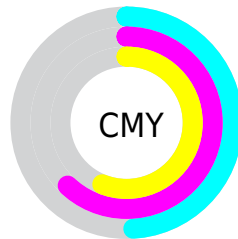
- Red (51%)
- Green (38%)
- Blue (44%)



- Red (51%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4122, 14.3387, 16.9416 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 16.4122, 14.3387, 16.9416 by changing the saturation by 10% instead.

■ 16.4122, 14.3387,
16.9416

■ 16.4122, 14.3387,
16.9416

224.9848,
219.3278, 246.8682

■ 9.9090, 8.3566,
10.0313

■ 36.8640, 33.6888,
39.0146

■ 5.4005, 4.3240,
5.3139

■ 51.5434, 47.8256,
55.0145

■ 2.5212, 1.8564,
2.3706

■ 69.6788, 65.4494,
74.8812

■ 0.9060, 0.5220,
0.7704

■ 91.6357, 86.9447,
99.0335

■ 0.0000, 0.0000,
0.0000

117.7794,
112.6958, 127.8898

148.4752,

143.0871, 161.8686

184.0886,
178.5029, 201.3886

■ 16.4122, 14.3387,
16.9416

■ 16.4122, 14.3387,
16.9416

■ 14.9201, 11.9867,
14.4951

■ 18.1389, 17.1042,
19.6371

■ 13.6507, 10.0261,
12.2890

■ 20.1088, 20.3000,
22.5880

■ 12.5927, 8.4359,
10.3153

■ 22.3320, 23.9442,
25.8017

■ 11.7334, 7.1922,
8.5654

■ 24.8171, 28.0534,
29.2849

■ 11.0589, 6.2682,
7.0299

■ 27.5727, 32.6432,
33.0440

■ 10.5528, 5.6332,
5.6983

■ 30.6069, 37.7287,
37.0853

■ 10.1859, 5.2304,
4.5558

■ 33.9273, 43.3241,
41.4147

■ 10.0774, 5.1122,
4.2148

■ 37.5413, 49.4432,
46.0382

■ 41.4561, 56.0992,
50.9612

Harmonies

Analogous

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



15.7690, 14.3387, 20.9963



16.4122, 14.3387, 16.9416



16.2719, 14.3387, 13.1345

Triad

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



16.4122, 14.3387, 16.9416



12.7333, 14.3387, 9.5144



12.0004, 14.3387, 22.2040

Complementary

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



16.4122, 14.3387, 16.9416



16.0931, 19.9808, 19.5323

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.



11.2881, 14.3387, 18.3839



16.4122, 14.3387, 16.9416



11.6911, 14.3387, 11.2378

Square

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



16.4122, 14.3387, 16.9416



14.0850, 14.3387, 9.2607



11.1788, 14.3387, 14.3546



13.1819, 14.3387, 24.3557

Rectangle

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



16.4122, 14.3387, 16.9416



15.7561, 14.3387, 11.2058



11.1788, 14.3387, 14.3546



11.7016, 14.3387, 21.0450

Sweetspot

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



16.4126, 14.3394, 16.9419



35.4641, 35.4624, 39.6445



15.4605, 13.7067, 23.3038



8.1424, 8.0702, 9.0605



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.



16.4126, 14.3394, 16.9419



27.7325, 23.0548, 27.6477



15.8708, 14.4683, 13.0232



4.7493, 4.7194, 5.2919



9.9208, 5.0327, 4.1555



0.0379, 0.0188, 0.0330

Inverse Universe

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



16.4126, 14.3394, 16.9419



27.7325, 23.0548, 27.6477



16.7275, 19.7387, 24.4013



4.7493, 4.7194, 5.2919



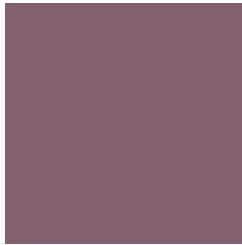
9.9208, 5.0327, 4.1555



0.0379, 0.0188, 0.0330

Previews

White Background



This preview shows how the XYZ color 16.4122, 14.3387, 16.9416 looks on a white background.

Color Contrast Check

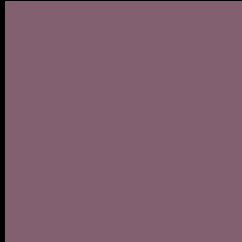
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.4122, 14.3387, 16.9416 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 16.4122, 14.3387, 16.9416

Background



This preview shows how black text looks on a background with the XYZ color 16.4122, 14.3387, 16.9416.



This preview shows how white text looks on a background with the XYZ color 16.4122, 14.3387,

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

16.4122, 14.3387, 16.9416

Protanopia

14.0882, 14.3908, 18.8648

Deuteranopia

14.7350, 14.4711, 16.7684



Tritanopia

16.0304, 14.3151, 15.2828

Trichromacy



Original Color

16.4122, 14.3387, 16.9416

Protanomaly

14.7853, 14.3180, 18.2040

Deuteranomaly

15.2568, 14.3051, 16.7089

Tritanomaly

16.1345, 14.3568, 15.8307

Monochromacy



Original Color

16.4122, 14.3387, 16.9416

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.9131, 14.7178, 16.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4122, 14.3387, 16.9416 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(131, 96, 111)` looks like.

```
.text, #text, p{  
    color:rgb(131, 96, 111)  
}
```

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(131, 96, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 96, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.4122, 14.3387, 16.9416 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(131, 96, 111) }
```


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

```
.border{ border-color:rgb(131, 96, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 96, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 96, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 96, 111);  
box-shadow:4px 4px 4px 4px rgb(131, 96,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4122, 14.3387, 16.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 96, 111) }
```

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

```
.background{ background-color: rgb(131, 96,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor