

Converting Colors

XYZ(18.4026, 15.9002, 14.6801)

Have a look what the booklet for
XYZ(18.4026, 15.9002, 14.6801)
contains.

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Color

**XYZ(18.3617, 15.8123,
14.6547)**

Conversions

Conversions Part 1

Format	Color
Hex	906366
RGB	144, 99, 102
RGB Percent	56%, 39%, 40%
CMY	0.4353, 0.6117, 0.6000
CMYK	0.00, 0.31, 0.29, 0.44
HSL	356°, 19%, 48%
HSV	356°, 31%, 56%
XYZ	18.3617, 15.8123, 14.6547
YIQ	112.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

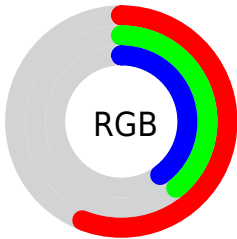
Format	Color
R_{YB}	144, 99, 102
Decimal	9462630
CIE _{Lab}	46.73, 18.67, 5.66
CIE _{LCh}	47, 19.504, 16.856
Yxy	15.8123, 0.3760, 0.3238
Android (android.graphics.Color)	4287652710 (0xFF906366)
YUV	112.7970, -5.3229, 27.3650
Hunter-Lab	39.7647, 12.8358, 5.9848

Details

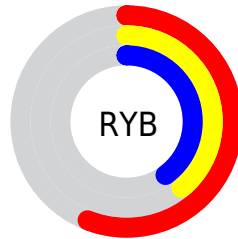
The XYZ color **18.3617, 15.8123, 14.6547** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9272, 24.5226, 28.8836**, and the grayscale version is **15.6462, 16.4610, 17.9260**.

A 20% lighter version of the original color is **40.2093, 36.2547, 35.0156**, and **6.3312, 5.0071, 4.2472** is the 20% darker color. If you saturate the color by 10%, you get **16.5037, 13.0780, 11.0090**, and if you desaturate by 10%, it is **20.5719, 19.0779, 18.9514**.

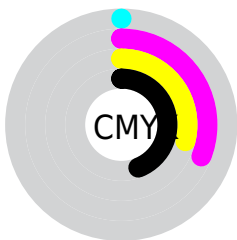
Distribution



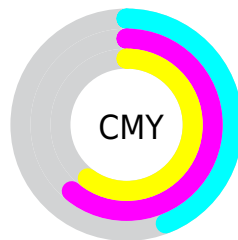
- Red (56%)
- Green (39%)
- Blue (40%)



- Red (56%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3617, 15.8123, 14.6547 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 18.3617, 15.8123, 14.6547 by changing the saturation by 10% instead.

■ 18.3617, 15.8123,
14.6547

■ 18.3617, 15.8123,
14.6547

235.9083,
228.2316, 232.8349

■ 11.3112, 9.3914,
8.4335

■ 40.1780, 36.2720,
34.9800

■ 6.3454, 4.9974,
4.2818

■ 55.6745, 51.0797,
49.9211

■ 3.0989, 2.2457,
1.7812

■ 74.7171, 69.4517,
68.6059

■ 1.2063, 0.7447,
0.4155

■ 97.6710, 91.7726,
91.4531

■ 0.1113, 0.0000,
0.0000

124.9018,
118.4266, 118.8810

■ 0.0000, 0.0000,
0.0000

156.7747,

149.7981, 151.3082

193.6551,
186.2717, 189.1534

■ 18.3617, 15.8123,
14.6547

■ 18.3617, 15.8123,
14.6547

■ 16.5037, 13.0780,
11.0090

■ 20.5719, 19.0779,
18.9514

■ 14.9786, 10.8448,
7.9818

■ 23.1499, 22.8984,
23.9277

■ 13.7670, 9.0829,
5.5388

■ 26.1118, 27.2988,
29.6117

■ 12.8470, 7.7586,
3.6425

■ 29.4725, 32.3018,
36.0295

■ 12.1940, 6.8335,
2.2506

■ 33.2460, 37.9289,
43.2061

■ 11.7792, 6.2626,
1.3148

■ 37.4457, 44.2007,
51.1650

■ 11.5541, 5.9503,
0.8150

■ 42.0842, 51.1366,
59.9289

■ 47.1740, 58.7554,
69.5196

■ 52.7266, 67.0750,
79.9580

Harmonies

Analogous

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



18.4241, 15.8123, 19.4232



18.3617, 15.8123, 14.6547



17.3648, 15.8123, 11.2755

Triad

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



18.3617, 15.8123, 14.6547



12.7787, 15.8123, 11.6003



14.3016, 15.8123, 27.9740

Complementary

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



18.3617, 15.8123, 14.6547



19.9272, 24.5226, 28.8836

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.



12.9129, 15.8123, 24.9469



18.3617, 15.8123, 14.6547



12.0791, 15.8123, 15.1844

Square

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



18.3617, 15.8123, 14.6547



14.1056, 15.8123, 9.7524



12.1263, 15.8123, 20.0616



15.9921, 15.8123, 27.7587

Rectangle

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



18.3617, 15.8123, 14.6547



16.3441, 15.8123, 9.9936



12.1263, 15.8123, 20.0616



13.7867, 15.8123, 27.2810

Sweetspot

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



18.3621, 15.8130, 14.6550



41.8523, 41.9033, 44.1671



20.4808, 16.6008, 28.5104



9.4465, 9.3850, 9.8378



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.3621, 15.8130, 14.6550



30.1838, 24.6463, 21.5338



20.2917, 19.9057, 14.5781



5.4226, 5.4295, 5.7232



10.0651, 5.1831, 0.7284



0.0985, 0.0505, 0.0192

Inverse Universe

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



18.3621, 15.8130, 14.6550



30.1838, 24.6463, 21.5338



17.4508, 19.2079, 29.1733



5.4226, 5.4295, 5.7232



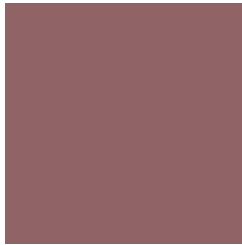
10.0651, 5.1831, 0.7284



0.0985, 0.0505, 0.0192

Previews

White Background



This preview shows how the XYZ color 18.3617, 15.8123, 14.6547 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 18.3617, 15.8123, 14.6547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

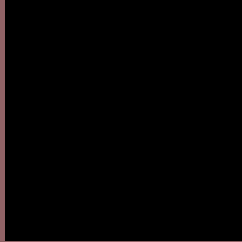
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3617, 15.8123, 14.6547

Background



This preview shows how black text looks on a background with the XYZ color 18.3617, 15.8123, 14.6547.



This preview shows how white text looks on a background with the XYZ color 18.3617, 15.8123,

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

18.3617, 15.8123, 14.6547

Protanopia

15.3306, 16.0290, 16.4733

Deuteranopia

16.2108, 15.8906, 14.5247



Tritanopia

18.4708, 15.7053, 15.6936

Trichromacy



Original Color

18.3617, 15.8123, 14.6547

Protanomaly

16.3167, 15.9160, 15.8478

Deuteranomaly

16.9721, 15.8268, 14.4723

Tritanomaly

18.4191, 15.6846, 15.4212

Monochromacy



Original Color

18.3617, 15.8123, 14.6547

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4351, 16.1143, 16.7122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3617, 15.8123, 14.6547 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(144, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(144, 99, 102)  
}
```

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(144, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.3617, 15.8123, 14.6547 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(144, 99, 102) }
```


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

```
.border{ border-color:rgb(144, 99, 102) }
```

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

Here you see how a box with a 4 pixel rgb(144, 99, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(144, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3617, 15.8123, 14.6547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 99, 102) }
```

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

```
.background{ background-color: rgb(144, 99,  
102) }
```

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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