

Converting Colors

XYZ(18.5024, 16.6107, 14.7989)

Have a look what the booklet for
XYZ(18.5024, 16.6107, 14.7989)
contains.

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Color

**XYZ(18.5039, 16.6107,
14.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6866
RGB	142, 104, 102
RGB Percent	56%, 41%, 40%
CMY	0.4431, 0.5921, 0.6000
CMYK	0.00, 0.27, 0.28, 0.44
HSL	3°, 16%, 48%
HSV	3°, 28%, 56%
XYZ	18.5039, 16.6107, 14.8013
YIQ	115.1340, 23.2900, 7.4340

Conversions

Conversions Part 2

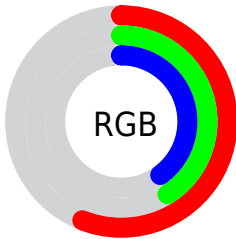
Format	Color
R_{YB}	142, 104, 102
Decimal	9332838
CIE _{Lab}	47.77, 14.93, 7.11
CIE _{LCh}	48, 16.538, 25.444
Yxy	16.6107, 0.3707, 0.3328
Android (android.graphics.Color)	4287522918 (0xFF8E6866)
YUV	115.1340, -6.4751, 23.5615
Hunter-Lab	40.7562, 9.7181, 6.9972

Details

The XYZ color **18.5039, 16.6107, 14.8013** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7398, 23.5332, 29.0932**, and the grayscale version is **16.3508, 17.2023, 18.7333**.

A 20% lighter version of the original color is **40.4971, 37.6129, 35.2626**, and **6.4671, 5.4262, 4.3209** is the 20% darker color. If you saturate the color by 10%, you get **16.6083, 13.8515, 10.9876**, and if you desaturate by 10%, it is **20.7383, 19.8541, 19.3235**.

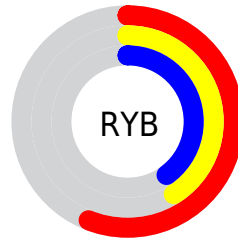
Distribution



Red (56%)

Green (41%)

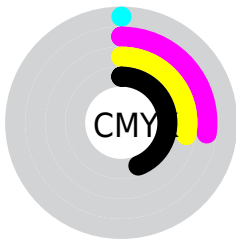
Blue (40%)



Red (56%)

Yellow (41%)

Blue (40%)

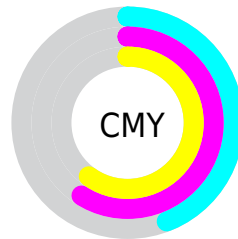


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (44%)



Cyan (44%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5039, 16.6107, 14.8013 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 18.5039, 16.6107, 14.8013 by changing the saturation by 10% instead.

■ 18.5039, 16.6107,
14.8013

■ 18.5039, 16.6107,
14.8013

236.6872,
232.9189, 233.7596

■ 11.4142, 9.9573,
8.5350

■ 40.4175, 37.6552,
35.2416

■ 6.4155, 5.3707,
4.3465

■ 55.9721, 52.8151,
50.2526

■ 3.1424, 2.4663,
1.8173

■ 75.0791, 71.5794,
69.0157

■ 1.2295, 0.8597,
0.4393

■ 98.1039, 94.3323,
91.9492

■ 0.1295, 0.0000,
0.0000

125.4117,
121.4583, 119.4719

■ 0.0000, 0.0000,
0.0000

157.3679,

153.3418, 152.0021

194.3380,
190.3672, 189.9585

■ 18.5039, 16.6107,
14.8013

■ 18.5039, 16.6107,
14.8013

■ 16.6083, 13.8515,
10.9876

■ 20.7383, 19.8541,
19.3235

■ 15.0336, 11.5512,
7.8455

■ 23.3254, 23.6010,
24.5865

■ 13.7626, 9.6855,
5.3365

■ 26.2802, 27.8722,
30.6217

■ 12.7755, 8.2271,
3.4176

■ 29.6161, 32.6871,
37.4587

■ 12.0506, 7.1456,
2.0405

■ 33.3461, 38.0636,
45.1251

■ 11.5628, 6.4062,
1.1493

■ 37.4825, 44.0191,
53.6476

■ 11.2736, 5.9645,
0.6318

■ 42.0370, 50.5703,
63.0514

■ 11.2325, 5.9051,
0.5478

■ 47.0209, 57.7329,
73.3609

■ 52.4451, 65.5223,
84.5994

Harmonies

Analogous

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



18.8028, 16.6107, 18.7424



18.5039, 16.6107, 14.8013



17.4603, 16.6107, 12.1625

Triad

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



18.5039, 16.6107, 14.8013



13.5552, 16.6107, 13.8403



15.5627, 16.6107, 27.5037

Complementary

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



18.5039, 16.6107, 14.8013



19.7398, 23.5332, 29.0932

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.



14.2260, 16.6107, 25.6755



18.5039, 16.6107, 14.8013



13.1140, 16.6107, 17.4456

Square

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



18.5039, 16.6107, 14.8013



14.5949, 16.6107, 11.6716



13.3517, 16.6107, 21.8244



17.0443, 16.6107, 26.5032

Rectangle

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



18.5039, 16.6107, 14.8013



16.5151, 16.6107, 11.2805



13.3517, 16.6107, 21.8244



15.0825, 16.6107, 27.1925

Sweetspot

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



18.5043, 16.6115, 14.8016



41.1334, 41.6197, 43.3583



20.6404, 17.1472, 27.0329



9.0397, 9.0824, 9.3835



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.5043, 16.6115, 14.8016



30.3790, 26.0168, 21.5664



20.7614, 21.1255, 15.5540



5.4292, 5.4647, 5.6580



10.0893, 5.3102, 0.4932



0.0999, 0.0577, 0.0059

Inverse Universe

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



19.7398, 23.5332, 29.0932



32.9369, 40.3560, 51.1814



17.0786, 18.2109, 28.2062



5.5375, 6.0707, 6.9087



12.1530, 17.2919, 25.6742



0.1208, 0.1745, 0.2470

Previews

White Background



This preview shows how the XYZ color 18.5039, 16.6107, 14.8013 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 18.5039, 16.6107, 14.8013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

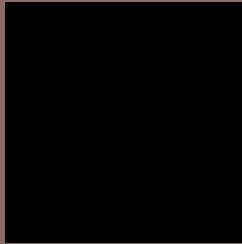
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.5039, 16.6107, 14.8013

Background



This preview shows how black text looks on a background with the XYZ color 18.5039, 16.6107, 14.8013.



This preview shows how white text looks on a background with the XYZ color 18.5039, 16.6107,

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

18.5039, 16.6107, 14.8013

Protanopia

15.8951, 16.6537, 16.2866

Deuteranopia

16.8709, 16.5440, 14.6160



Tritanopia

19.0472, 16.6878, 17.2561

Trichromacy



Original Color

18.5039, 16.6107, 14.8013

Protanomaly

16.7299, 16.6074, 15.6884

Deuteranomaly

17.4382, 16.5233, 14.5821

Tritanomaly

18.8847, 16.6228, 16.4006

Monochromacy



Original Color

18.5039, 16.6107, 14.8013

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9564, 16.8546, 17.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5039, 16.6107, 14.8013 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(142, 104, 102)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 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(142, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.5039, 16.6107, 14.8013 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(142, 104, 102) }
```


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

```
.border{ border-color:rgb(142, 104, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5039, 16.6107, 14.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 104, 102) }
```

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

```
.background{ background-color: rgb(142,  
104, 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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