

Converting Colors

XYZ(18.6712, 14.0444, 15.5571)

Have a look what the booklet for
XYZ(18.6712, 14.0444, 15.5571)
contains.

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Color

**XYZ(18.5867, 13.9815,
15.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	97546B
RGB	151, 84, 107
RGB Percent	59%, 33%, 42%
CMY	0.4078, 0.6706, 0.5804
CMYK	0.00, 0.44, 0.29, 0.41
HSL	339°, 29%, 46%
HSV	339°, 44%, 59%
XYZ	18.5867, 13.9815, 15.6290
YIQ	106.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

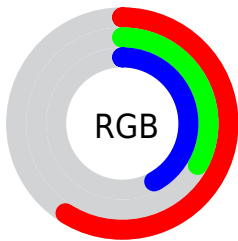
Format	Color
R_{YB}	151, 84, 107
Decimal	9917547
CIE _{Lab}	44.21, 30.71, -0.91
CIE _{LCh}	44, 30.721, 358.296
Yxy	13.9815, 0.3856, 0.2901
Android (android.graphics.Color)	4288107627 (0xFF97546B)
YUV	106.6550, 0.1701, 38.8906
Hunter-Lab	37.3918, 23.2929, 1.3923

Details

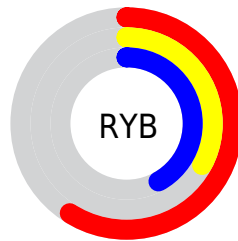
The XYZ color **18.5867, 13.9815, 15.6290** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6197, 25.5770, 24.3789**, and the grayscale version is **13.8733, 14.5958, 15.8949**.

A 20% lighter version of the original color is **40.5677, 33.0620, 36.5912**, and **6.4835, 4.1847, 4.7410** is the 20% darker color. If you saturate the color by 10%, you get **17.0464, 11.6884, 12.6874**, and if you desaturate by 10%, it is **20.4403, 16.8052, 18.9706**.

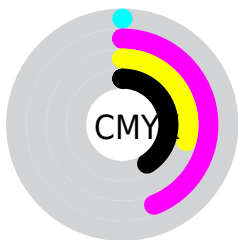
Distribution



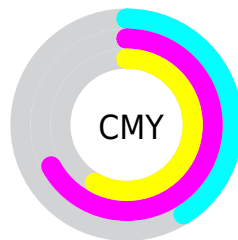
- Red (59%)
- Green (33%)
- Blue (42%)



- Red (59%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (29%)
- Black (41%)



- Cyan (41%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5867, 13.9815, 15.6290 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 18.5867, 13.9815, 15.6290 by changing the saturation by 10% instead.

■ 18.5867, 13.9815,
15.6290

■ 18.5867, 13.9815,
15.6290

237.1397,
217.1157, 238.9130

■ 11.4743, 8.1078,
9.1105

■ 40.5568, 33.0562,
36.7107

■ 6.4564, 4.1640,
4.7155

■ 56.1452, 47.0260,
52.1110

■ 3.1678, 1.7657,
2.0255

■ 75.2897, 64.4633,
71.3090

■ 1.2431, 0.4657,
0.5709

■ 98.3555, 85.7524,
94.7232

■ 0.1400, 0.0000,
0.0000

■ 125.7080,
111.2778, 122.7721

■ 0.0000, 0.0000,
0.0000

157.7127,

141.4239, 155.8744

194.7348,
176.5751, 194.4485

■ 18.5867, 13.9815,
15.6290

■ 18.5867, 13.9815,
15.6290

■ 17.0464, 11.6884,
12.6874

■ 20.4403, 16.8052,
18.9706

■ 15.7998, 9.8903,
10.1289

■ 22.6229, 20.1881,
22.7265

■ 14.8268, 8.5504,
7.9364

■ 25.1505, 24.1591,
26.9111

■ 14.1042, 7.6257,
6.0912

■ 28.0376, 28.7447,
31.5381

■ 13.6038, 7.0635,
4.5719

■ 31.2981, 33.9696,
36.6202

■ 13.3786, 6.8258,
3.8413

■ 34.9448, 39.8571,
42.1699

■ 38.9901, 46.4295,
48.1989

■ 43.4459, 53.7080,
54.7188

■ 48.3234, 61.7127,
61.7406

Harmonies

Analogous

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



17.7222, 13.9815, 23.4889



18.5867, 13.9815, 15.6290



17.8928, 13.9815, 9.6732

Triad

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



18.5867, 13.9815, 15.6290



11.1750, 13.9815, 6.1541



10.9598, 13.9815, 29.8614

Complementary

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



18.5867, 13.9815, 15.6290



18.6197, 25.5770, 24.3789

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.



9.5515, 13.9815, 22.5715



18.5867, 13.9815, 15.6290



9.6646, 13.9815, 9.1677

Square

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



18.5867, 13.9815, 15.6290



13.4298, 13.9815, 5.3156



9.1077, 13.9815, 14.8250



13.1491, 13.9815, 33.1248

Rectangle

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



18.5867, 13.9815, 15.6290



16.6826, 13.9815, 7.1978



9.1077, 13.9815, 14.8250



10.3899, 13.9815, 27.7087

Sweetspot

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



18.5871, 13.9822, 15.6293



45.5820, 44.1208, 49.0730



17.5914, 13.1302, 30.8855



10.1326, 9.6685, 10.7833



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.5871, 13.9822, 15.6293



30.6046, 21.0451, 22.8729



18.3704, 15.2344, 10.3607



6.2919, 6.2559, 6.9175



11.3938, 5.8118, 3.3328



0.1863, 0.0933, 0.1339

Inverse Universe

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



18.5871, 13.9822, 15.6293



30.6046, 21.0451, 22.8729



18.7601, 23.1547, 32.7589



6.2919, 6.2559, 6.9175



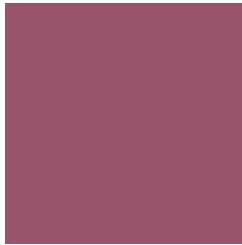
11.3938, 5.8118, 3.3328



0.1863, 0.0933, 0.1339

Previews

White Background



This preview shows how the XYZ color 18.5867, 13.9815, 15.6290 looks on a white background.

Color Contrast Check

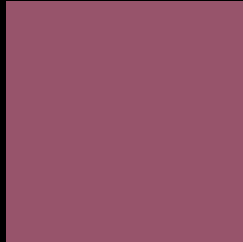
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5867, 13.9815, 15.6290 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 18.5867, 13.9815, 15.6290

Background



This preview shows how black text looks on a background with the XYZ color 18.5867, 13.9815, 15.6290.



This preview shows how white text looks on a background with the XYZ color 18.5867, 13.9815,

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

18.5867, 13.9815, 15.6290

Protanopia

13.8736, 14.1161, 19.4462

Deuteranopia

14.3203, 14.1471, 15.0726



Tritanopia

17.9617, 14.0907, 12.1290

Trichromacy



Original Color

18.5867, 13.9815, 15.6290

Protanomaly

15.1149, 13.7803, 18.0829

Deuteranomaly

15.5441, 13.7935, 15.2078

Tritanomaly

18.1101, 14.0214, 13.3072

Monochromacy



Original Color

18.5867, 13.9815, 15.6290

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.2841, 14.1962, 15.8445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5867, 13.9815, 15.6290 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(151, 84, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 84, 107)  
}
```

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(151, 84, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 84, 107) }
```

Border

The CSS property to change the border of an element to XYZ 18.5867, 13.9815, 15.6290 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(151, 84, 107) }
```


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

```
.border{ border-color:rgb(151, 84, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 84, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 84, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 84, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 84,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5867, 13.9815, 15.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 84, 107) }
```

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

```
.background{ background-color: rgb(151, 84,  
107) }
```

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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