

Converting Colors

XYZ(18.5031, 15.2687, 18.7830)

Have a look what the booklet for
XYZ(18.5031, 15.2687, 18.7830)
contains.

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Color

**XYZ(18.4584, 15.2196,
18.7944)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5F75
RGB	142, 95, 117
RGB Percent	56%, 37%, 46%
CMY	0.4431, 0.6274, 0.5412
CMYK	0.00, 0.33, 0.18, 0.44
HSL	332°, 20%, 46%
HSV	332°, 33%, 56%
XYZ	18.4584, 15.2196, 18.7944
YIQ	111.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

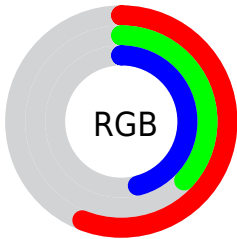
Format	Color
R_{YB}	142, 95, 117
Decimal	9330549
CIE _{Lab}	45.93, 22.59, -4.58
CIE _{LCh}	46, 23.053, 348.552
Yxy	15.2196, 0.3518, 0.2900
Android (android.graphics.Color)	4287520629 (0xFF8E5F75)
YUV	111.5610, 2.6814, 26.6950
Hunter-Lab	39.0123, 16.1845, -1.2547

Details

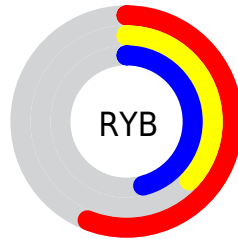
The XYZ color **18.4584, 15.2196, 18.7944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7831, 23.1353, 21.2987**, and the grayscale version is **15.2612, 16.0560, 17.4850**.

A 20% lighter version of the original color is **40.2053, 35.1581, 42.2033**, and **6.4455, 4.7677, 6.2108** is the 20% darker color. If you saturate the color by 10%, you get **16.8677, 12.7203, 16.1607**, and if you desaturate by 10%, it is **20.3190, 18.2010, 21.6953**.

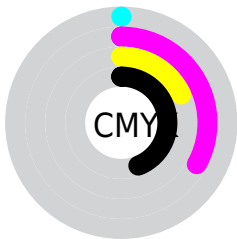
Distribution



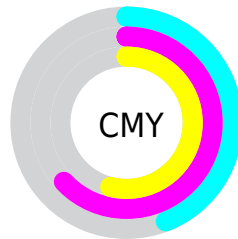
- Red (56%)
- Green (37%)
- Blue (46%)



- Red (56%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4584, 15.2196, 18.7944 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 18.4584, 15.2196, 18.7944 by changing the saturation by 10% instead.

■ 18.4584, 15.2196,
18.7944

■ 18.4584, 15.2196,
18.7944

236.4382,
224.6916, 257.6962

■ 11.3813, 8.9737,
11.3465

■ 40.3409, 35.2380,
42.2185

■ 6.3931, 4.7240,
6.1833

■ 55.8769, 49.7792,
59.0317

■ 3.1285, 2.0862,
2.8863

■ 74.9634, 67.8542,
79.8038

■ 1.2221, 0.6569,
1.0369

■ 97.9655, 89.8476,
104.9533

■ 0.1237, 0.0000,
0.0000

125.2487,
116.1436, 134.8988

■ 0.0000, 0.0000,
0.0000

157.1783,

147.1267, 170.0587

194.1197,
183.1812, 210.8516

■ 18.4584, 15.2196,
18.7944

■ 18.4584, 15.2196,
18.7944

■ 16.8677, 12.7203,
16.1607

■ 20.3190, 18.2010,
21.6953

■ 15.5320, 10.6754,
13.7845

■ 22.4608, 21.6861,
24.8706

■ 14.4371, 9.0573,
11.6570


■ 24.8958, 25.6978,
28.3284


■ 13.5666, 7.8347,
9.7682


■ 27.6352, 30.2571,
32.0761


■ 12.9018, 6.9721,
8.1072


■ 30.6893, 35.3835,
36.1210


 12.4210, 6.4273,
6.6619

 34.0682, 41.0959,
40.4698

 12.1524, 6.1496,
5.7726

 37.7812, 47.4121,
45.1291

 41.8376, 54.3492,
50.1055

 46.2460, 61.9236,
55.4050

Harmonies

Analogous

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



17.4605, 15.2196, 24.7396



18.4584, 15.2196, 18.7944



18.3174, 15.2196, 13.3860

Triad

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



18.4584, 15.2196, 18.7944



13.3059, 15.2196, 8.3370



12.1242, 15.2196, 25.9883

Complementary

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



18.4584, 15.2196, 18.7944



17.7831, 23.1353, 21.2987

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.



11.1959, 15.2196, 20.2262



18.4584, 15.2196, 18.7944



11.8347, 15.2196, 10.4340

Square

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



18.4584, 15.2196, 18.7944



15.2224, 15.2196, 8.1212



11.0949, 15.2196, 14.5313



13.7346, 15.2196, 29.4735

Rectangle

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



18.4584, 15.2196, 18.7944



17.5989, 15.2196, 10.7423



11.0949, 15.2196, 14.5313



11.7285, 15.2196, 24.2007

Sweetspot

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



18.4588, 15.2203, 18.7947



40.7937, 40.1874, 45.5662



16.6220, 14.0803, 27.4329



8.9974, 8.7887, 10.0136



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.



18.4588, 15.2203, 18.7947



30.3396, 23.3574, 29.5092



17.3846, 14.9041, 12.7879



5.5073, 5.4635, 6.1696



10.9202, 5.5251, 5.2313



0.1154, 0.0572, 0.1078

Inverse Universe

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



18.4588, 15.2203, 18.7947



30.3396, 23.3574, 29.5092



19.1591, 23.4999, 29.1174



5.5073, 5.4635, 6.1696



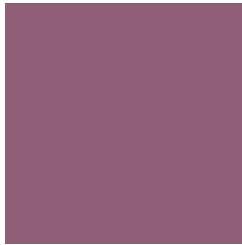
10.9202, 5.5251, 5.2313



0.1154, 0.0572, 0.1078

Previews

White Background



This preview shows how the XYZ color 18.4584, 15.2196, 18.7944 looks on a white background.

Color Contrast Check

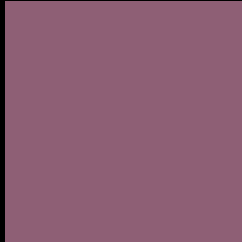
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4584, 15.2196, 18.7944 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 18.4584, 15.2196, 18.7944

Background



This preview shows how black text looks on a background with the XYZ color 18.4584, 15.2196, 18.7944.



This preview shows how white text looks on a background with the XYZ color 18.4584, 15.2196,

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

18.4584, 15.2196, 18.7944

Protanopia

15.0081, 15.2700, 21.5584

Deuteranopia

15.5847, 15.3278, 18.3568



Tritanopia

17.8090, 15.2320, 15.3660

Trichromacy



Original Color

18.4584, 15.2196, 18.7944

Protanomaly

15.9708, 15.0276, 20.4712

Deuteranomaly

16.5079, 15.1993, 18.5867

Tritanomaly

17.9277, 15.1326, 16.4440

Monochromacy



Original Color

18.4584, 15.2196, 18.7944

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3597, 15.7339, 18.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4584, 15.2196, 18.7944 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, 95, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 95, 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(142, 95, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 95, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.4584, 15.2196, 18.7944 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, 95, 117) }
```


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

```
.border{ border-color:rgb(142, 95, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 95, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 95, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 95, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 95,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4584, 15.2196, 18.7944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 95, 117) }
```

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

```
.background{ background-color: rgb(142, 95,  
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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