

Converting Colors

XYZ(15.5004, 11.0376, 9.6246)

Have a look what the booklet for
XYZ(15.5004, 11.0376, 9.6246)
contains.

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Color

**XYZ(15.4674, 11.0402,
9.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	914654
RGB	145, 70, 84
RGB Percent	57%, 27%, 33%
CMY	0.4314, 0.7255, 0.6706
CMYK	0.00, 0.52, 0.42, 0.43
HSL	349°, 35%, 42%
HSV	349°, 52%, 57%
XYZ	15.4674, 11.0402, 9.7032
YIQ	94.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

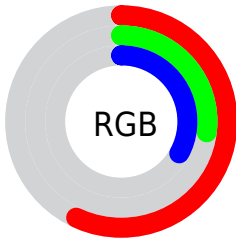
Format	Color
RYB	145, 70, 84
Decimal	9520724
CIELab	39.65, 33.12, 6.61
CIELCh	40, 33.770, 11.290
Yxy	11.0402, 0.4271, 0.3049
Android (android.graphics.Color)	4287710804 (0xFF914654)
YUV	94.0210, -4.9404, 44.7086
Hunter-Lab	33.2268, 24.9466, 5.9443

Details

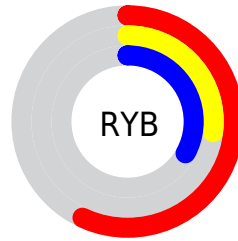
The XYZ color **15.4674, 11.0402, 9.7032** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.7485, 23.1917, 25.0680**, and the grayscale version is **10.6493, 11.2039, 12.2011**.

A 20% lighter version of the original color is **35.1584, 27.7857, 25.7004**, and **4.9488, 2.9070, 2.2197** is the 20% darker color. If you saturate the color by 10%, you get **14.2437, 9.2709, 7.2050**, and if you desaturate by 10%, it is **16.9885, 13.2798, 12.6846**.

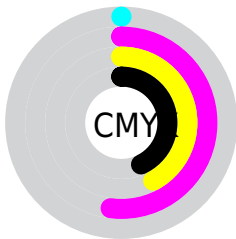
Distribution



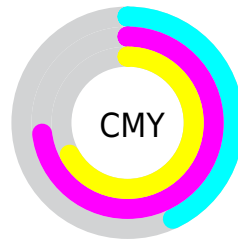
- Red (57%)
- Green (27%)
- Blue (33%)



- Red (57%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (42%)
- Black (43%)



- Cyan (43%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4674, 11.0402, 9.7032 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 15.4674, 11.0402, 9.7032 by changing the saturation by 10% instead.

■ 15.4674, 11.0402,
9.7032

■ 15.4674, 11.0402,
9.7032

219.5108,
197.9431, 198.9477

■ 9.2365, 6.0939,
5.0996

■ 35.2360, 27.7345,
25.8348

■ 4.9541, 2.9023,
2.2461

■ 49.5045, 40.2512,
38.1998

■ 2.2548, 1.0809,
0.7008

■ 67.1829, 56.0602,
53.9891

■ 0.7714, 0.0000,
0.0000

■ 88.6365, 75.5459,
73.6211

■ 0.0000, 0.0000,
0.0000

■ 114.2308, 99.0927,
97.5144

144.3310,

127.0848, 126.0876

179.3026,
159.9069, 159.7592

■ 15.4674, 11.0402,
9.7032

■ 15.4674, 11.0402,
9.7032

■ 14.2437, 9.2709,
7.2050

■ 16.9885, 13.2798,
12.6846

■ 13.2966, 7.9366,
5.1634

■ 18.8242, 16.0183,
16.1725

■ 12.6040, 6.9996,
3.5504

■ 20.9914, 19.2841,
20.1893

■ 12.1397, 6.4152,
2.3342

■ 23.5055, 23.1028,
24.7559

■ 11.8755, 6.0991,
1.5918

■ 26.3810, 27.4986,
29.8922

■ 29.6314, 32.4940,
35.6170

■ 33.2697, 38.1103,
41.9482

■ 37.3082, 44.3681,
48.9029

■ 41.7587, 51.2866,
56.4977

Harmonies

Analogous

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



15.2759, 11.0402, 16.5696



15.4674, 11.0402, 9.7032



14.1883, 11.0402, 5.4398

Triad

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



15.4674, 11.0402, 9.7032



7.8321, 11.0402, 4.7835



9.1349, 11.0402, 28.4967

Complementary

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



15.4674, 11.0402, 9.7032



16.7485, 23.1917, 25.0680

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.



7.5031, 11.0402, 22.4927



15.4674, 11.0402, 9.7032



6.8304, 11.0402, 8.3916

Square

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



15.4674, 11.0402, 9.7032



9.6494, 11.0402, 3.3755



6.7195, 11.0402, 14.6811



11.3852, 11.0402, 29.2592

Rectangle

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



15.4674, 11.0402, 9.7032



12.7697, 11.0402, 3.9713



6.7195, 11.0402, 14.6811



8.5051, 11.0402, 26.9440

Sweetspot

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



15.4677, 11.0408, 9.7034



39.9393, 38.0934, 40.4371



16.5073, 11.1712, 28.0741



8.7052, 8.2014, 8.6689



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.



15.4677, 11.0408, 9.7034



25.2101, 16.1772, 12.2753



16.6535, 14.2038, 7.6591



5.4475, 5.4395, 5.8543



10.1937, 5.2345, 1.4053



0.1036, 0.0525, 0.0457

Inverse Universe

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



15.4677, 11.0408, 9.7034



25.2101, 16.1772, 12.2753



14.6582, 17.3891, 29.3717



5.4475, 5.4395, 5.8543



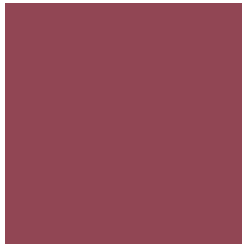
10.1937, 5.2345, 1.4053



0.1036, 0.0525, 0.0457

Previews

White Background



This preview shows how the XYZ color 15.4674, 11.0402, 9.7032 looks on a white background.

Color Contrast Check

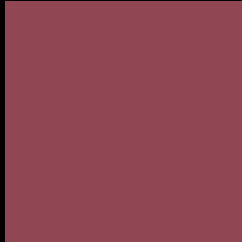
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4674, 11.0402, 9.7032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

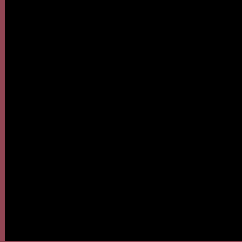
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4674, 11.0402, 9.7032

Background



This preview shows how black text looks on a background with the XYZ color 15.4674, 11.0402, 9.7032.



This preview shows how white text looks on a background with the XYZ color 15.4674, 11.0402,

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

15.4674, 11.0402, 9.7032

Protanopia

10.8797, 11.3014, 12.9172

Deuteranopia

11.3257, 11.0946, 9.3291



Tritanopia

15.0593, 10.9576, 8.1588

Trichromacy



Original Color

15.4674, 11.0402, 9.7032

Protanomaly

11.9903, 10.7804, 11.5741

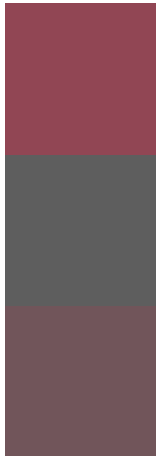
Deuteranomaly

12.5014, 10.8607, 9.4201

Tritanomaly

15.1661, 11.0003, 8.7211

Monochromacy



Original Color

15.4674, 11.0402, 9.7032

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.9040, 10.7459, 11.1196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4674, 11.0402, 9.7032 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(145, 70, 84)` looks like.

```
.text, #text, p{  
    color:rgb(145, 70, 84)  
}
```

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(145, 70, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 70, 84) }
```

Border

The CSS property to change the border of an element to XYZ 15.4674, 11.0402, 9.7032 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(145, 70, 84) }
```


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

```
.border{ border-color:rgb(145, 70, 84) }
```

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

Here you see how a box with a 4 pixel rgb(145, 70, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 70, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 70, 84);  
box-shadow:4px 4px 4px 4px rgb(145, 70,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4674, 11.0402, 9.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 70, 84) }
```

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

```
.background{ background-color: rgb(145, 70,  
84) }
```

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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