

Converting Colors

XYZ(15.4580, 11.3175, 8.4925)

Have a look what the booklet for
XYZ(15.4580, 11.3175, 8.4925)
contains.

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Color

**XYZ(15.4347, 11.3349,
8.5821)**

Conversions

Conversions Part 1	
Format	Color
Hex	91494E
RGB	145, 73, 78
RGB Percent	57%, 29%, 31%
CMY	0.4314, 0.7137, 0.6941
CMYK	0.00, 0.50, 0.46, 0.43
HSL	356°, 33%, 43%
HSV	356°, 50%, 57%
XYZ	15.4347, 11.3349, 8.5821
YIQ	95.0980, 41.3070, 16.8190

Conversions

Conversions Part 2

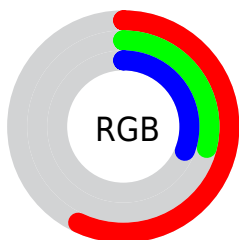
Format	Color
RYB	145, 73, 78
Decimal	9521486
CIELab	40.14, 30.81, 11.04
CIELCh	40, 32.727, 19.714
Yxy	11.3349, 0.4366, 0.3206
Android (android.graphics.Color)	4287711566 (0xFF91494E)
YUV	95.0980, -8.4293, 43.7641
Hunter-Lab	33.6673, 22.9150, 8.4536

Details

The XYZ color **15.4347, 11.3349, 8.5821** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6072, 23.5608, 28.4320**, and the grayscale version is **10.9137, 11.4821, 12.5040**.

A 20% lighter version of the original color is **35.2708, 28.2548, 23.6734**, and **4.9507, 3.0349, 1.8382** is the 20% darker color. If you saturate the color by 10%, you get **14.1555, 9.4729, 6.0088**, and if you desaturate by 10%, it is **17.0359, 13.6820, 11.7527**.

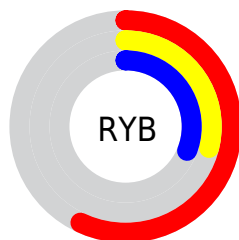
Distribution



 Red (57%)

 Green (29%)

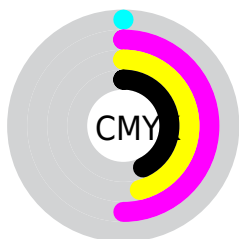
 Blue (31%)




 Red (57%)

 Yellow (29%)

 Blue (31%)

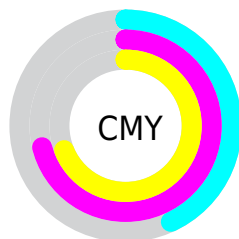



 Cyan (0%)


 Magenta (50%)

 Yellow (46%)

 Black (43%)



 Cyan (43%)

 Magenta (71%)


 Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4347, 11.3349, 8.5821 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 15.4347, 11.3349, 8.5821 by changing the saturation by 10% instead.


 15.4347, 11.3349,
8.5821


 15.4347, 11.3349,
8.5821


219.3191,
199.9510, 190.3309


 9.2133, 6.2926,
4.3766


 35.1794, 28.2778,
23.6567


 4.9388, 3.0238,
1.8341


 49.4335, 40.9472,
35.3628


 2.2458, 1.1442,
0.4503

 67.0958, 56.9277,
50.4061

 0.7667, 0.0154,
0.0000

 88.5318, 76.6037,
69.2053


 0.0000, 0.0000,
0.0000


 114.1067,
100.3597, 92.1788


144.1860,


128.5799, 119.7452


179.1350,
161.6489, 152.3231


 15.4347, 11.3349,
8.5821


 15.4347, 11.3349,
8.5821


 14.1555, 9.4729,
6.0088


 17.0359, 13.6820,
11.7527


 13.1757, 8.0606,
3.9949


 18.9780, 16.5430,
15.5543


 12.4709, 7.0602,
2.4988


 21.2794, 19.9466,
20.0186


 12.0130, 6.4275,
1.4730


 23.9571, 23.9188,
25.1752


 11.7402, 6.0537,
0.8523

 27.0268, 28.4839,
31.0518

 11.7321, 6.0417,
0.8368

 30.5034, 33.6648,
37.6744

 34.4010, 39.4832,
45.0682

 38.7332, 45.9599,
53.2566

 43.5127, 53.1144,
62.2626

Harmonies

Analogous

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



15.6722, 11.3349, 14.7148



15.4347, 11.3349, 8.5821



13.8543, 11.3349, 5.0433

Triad

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



15.4347, 11.3349, 8.5821



7.7711, 11.3349, 5.8878



10.0117, 11.3349, 29.2120

Complementary

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



15.4347, 11.3349, 8.5821



17.6072, 23.5608, 28.4320

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.



8.1870, 11.3349, 24.5666



15.4347, 11.3349, 8.5821



7.0194, 11.3349, 10.2387

Square

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



15.4347, 11.3349, 8.5821



9.3652, 11.3349, 3.9098



7.1601, 11.3349, 17.0648



12.3163, 11.3349, 28.2762

Rectangle

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



15.4347, 11.3349, 8.5821



12.3612, 11.3349, 3.9297



7.1601, 11.3349, 17.0648



9.3279, 11.3349, 28.2021

Sweetspot

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



15.4350, 11.3355, 8.5823



40.1049, 38.6807, 39.7024



18.1411, 12.2990, 28.2056



8.7265, 8.3154, 8.4558



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.



15.4350, 11.3355, 8.5823



25.0350, 16.5078, 10.1187



17.7302, 16.2018, 8.4969



5.4231, 5.4298, 5.7262



10.0672, 5.1839, 0.7393



0.0987, 0.0505, 0.0198

Inverse Universe

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



15.4350, 11.3355, 8.5823



25.0350, 16.5078, 10.1187



13.9897, 15.7228, 29.0853



5.4231, 5.4298, 5.7262



10.0672, 5.1839, 0.7393



0.0987, 0.0505, 0.0198

Previews

White Background



This preview shows how the XYZ color 15.4347, 11.3349, 8.5821 looks on a white background.

Color Contrast Check

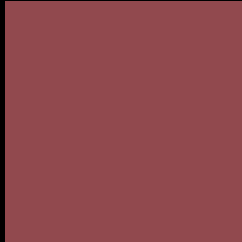
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4347, 11.3349, 8.5821 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 15.4347, 11.3349, 8.5821

Background



This preview shows how black text looks on a background with the XYZ color 15.4347, 11.3349, 8.5821.



This preview shows how white text looks on a background with the XYZ color 15.4347, 11.3349,

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

15.4347, 11.3349, 8.5821

Protanopia

10.9324, 11.5024, 11.0952

Deuteranopia

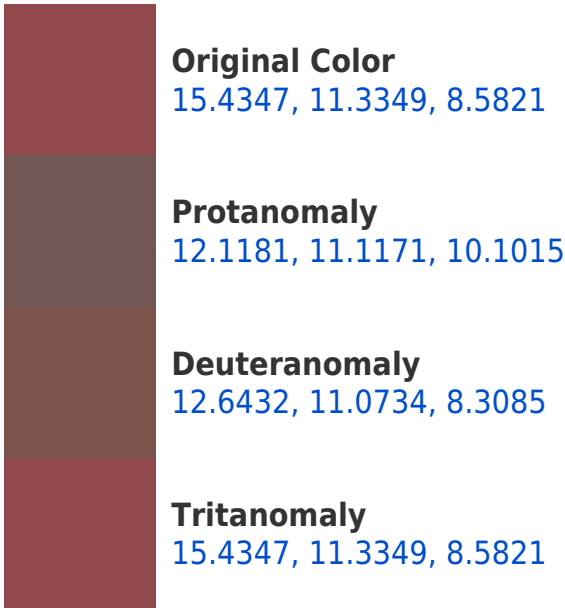
11.5666, 11.3697, 8.2415



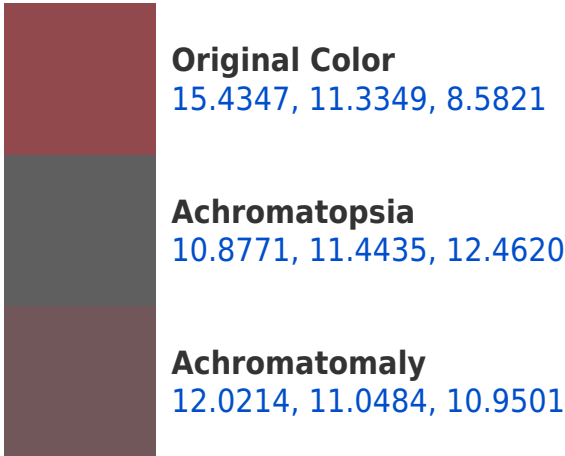
Tritanopia

15.4347, 11.3349, 8.5821

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4347, 11.3349, 8.5821 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, 73, 78) looks like.

```
.text, #text, p{  
    color:rgb(145, 73, 78)  
}
```


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, 73, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 73, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.4347, 11.3349, 8.5821 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, 73, 78) }
```


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

```
.border{ border-color:rgb(145, 73, 78) }
```

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

Here you see how a box with a 4 pixel rgb(145, 73, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 73, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 73, 78);  
box-shadow:4px 4px 4px 4px rgb(145, 73,  
78) }
```


Background

The CSS property to change the background color of an element to XYZ 15.4347, 11.3349, 8.5821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 73, 78) }
```

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

```
.background{ background-color: rgb(145, 73,  
78) }
```

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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