

Converting Colors

XYZ(15.9329, 10.2121, 10.1739)

Have a look what the booklet for
XYZ(15.9329, 10.2121, 10.1739)
contains.

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Color

**XYZ(15.9459, 10.1937,
10.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	973957
RGB	151, 57, 87
RGB Percent	59%, 22%, 34%
CMY	0.4078, 0.7764, 0.6588
CMYK	0.00, 0.62, 0.42, 0.41
HSL	341°, 45%, 41%
HSV	341°, 62%, 59%
XYZ	15.9459, 10.1937, 10.1440
YIQ	88.5260, 46.3940, 29.2580

Conversions

Conversions Part 2

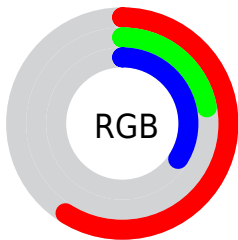
Format	Color
R_{YB}	151, 57, 87
Decimal	9910615
CIE _{Lab}	38.19, 42.20, 2.76
CIE _{LCh}	38, 42.288, 3.743
Yxy	10.1937, 0.4395, 0.2809
Android (android.graphics.Color)	4288100695 (0xFF973957)
YUV	88.5260, -0.7523, 54.7897
Hunter-Lab	31.9276, 33.2767, 3.5117

Details

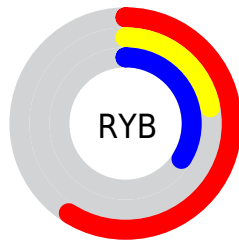
The XYZ color **15.9459, 10.1937, 10.1440** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.2057, 24.3837, 21.9432**, and the grayscale version is **9.3859, 9.8747, 10.7536**.

A 20% lighter version of the original color is **35.9964, 26.1533, 26.8178**, and **5.2418, 2.6540, 2.4265** is the 20% darker color. If you saturate the color by 10%, you get **14.9167, 8.7604, 7.8740**, and if you desaturate by 10%, it is **17.2575, 12.0960, 12.8035**.

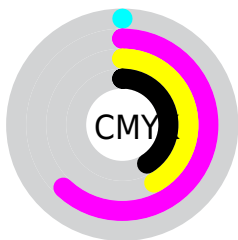
Distribution



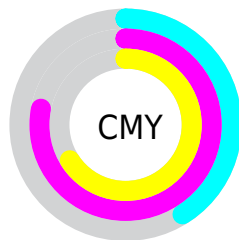
- Red (59%)
- Green (22%)
- Blue (34%)



- Red (59%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (42%)
- Black (41%)





- Cyan (41%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9459, 10.1937, 10.1440 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 15.9459, 10.1937, 10.1440 by changing the saturation by 10% instead.


 15.9459, 10.1937,
10.1440


 15.9459, 10.1937,
10.1440


222.2989,
192.0490, 202.2188


 9.5765, 5.5276,
5.3877


 36.0625, 26.1592,
26.6780


 5.1792, 2.5600,
2.4138

 50.5403, 38.2274,
39.2928

 2.3886, 0.9066,
0.7939

 68.4517, 53.5317,
55.3642

 0.8394, 0.0000,
0.0000

 90.1620, 72.4565,
75.3107

 0.0000, 0.0000,
0.0000

 116.0365, 95.3862,
99.5509

 146.4406,

122.7053, 128.5033

181.7396,
154.7981, 162.5864

■ 15.9459, 10.1937,
10.1440

■ 15.9459, 10.1937,
10.1440

■ 14.9167, 8.7604,
7.8740

■ 17.2575, 12.0960,
12.8035

■ 14.1463, 7.7528,
5.9731

■ 18.8709, 14.5025,
15.8705

■ 13.6080, 7.1222,
4.4190

■ 20.8047, 17.4466,
19.3622

■ 13.2998, 6.7942,
3.4269

■ 23.0757, 20.9585,
23.2948

■ 25.6994, 25.0661,
27.6834

■ 28.6906, 29.7956,
32.5426

■ 32.0628, 35.1714,
37.8862

■ 35.8292, 41.2168,
43.7272

■ 40.0022, 47.9537,
50.0786

Harmonies

Analogous

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



15.2161, 10.1937, 19.1908



15.9459, 10.1937, 10.1440



14.7566, 10.1937, 4.6559

Triad

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



15.9459, 10.1937, 10.1440



7.0498, 10.1937, 2.6919



7.5422, 10.1937, 30.8445

Complementary

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



15.9459, 10.1937, 10.1440



16.2057, 24.3837, 21.9432

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.



5.9386, 10.1937, 21.7522



15.9459, 10.1937, 10.1440



5.6941, 10.1937, 5.6777

Square

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



15.9459, 10.1937, 10.1440



9.3493, 10.1937, 1.8300



5.3291, 10.1937, 12.1126



10.0365, 10.1937, 33.9536

Rectangle

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



15.9459, 10.1937, 10.1440



13.1462, 10.1937, 2.8421



5.3291, 10.1937, 12.1126



6.8979, 10.1937, 28.2278

Sweetspot

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



15.9462, 10.1942, 10.1442



42.6075, 39.5323, 43.8872



14.7491, 9.1306, 30.2630



9.4146, 8.5649, 9.5190



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.



15.9462, 10.1942, 10.1442



26.0731, 14.8327, 12.5747



15.8621, 11.5968, 5.2740



6.2860, 6.2536, 6.8861



11.3264, 5.7848, 2.9776



0.1846, 0.0926, 0.1250

Inverse Universe

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



15.9462, 10.1942, 10.1442



26.0731, 14.8327, 12.5747



15.9842, 20.5257, 32.3974



6.2860, 6.2536, 6.8861



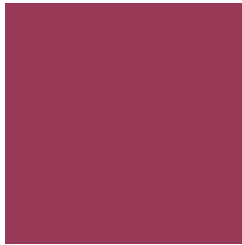
11.3264, 5.7848, 2.9776



0.1846, 0.0926, 0.1250

Previews

White Background



This preview shows how the XYZ color 15.9459, 10.1937, 10.1440 looks on a white background.

Color Contrast Check

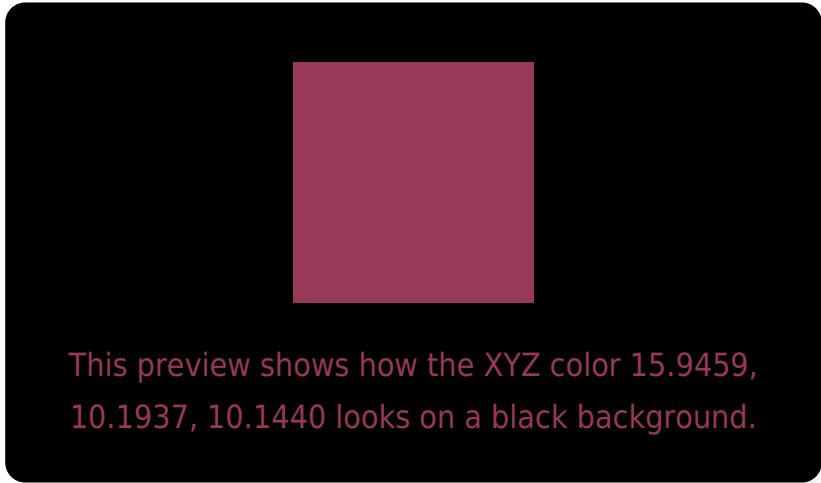
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

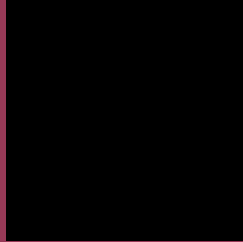
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9459, 10.1937, 10.1440

Background



This preview shows how black text looks on a background with the XYZ color 15.9459, 10.1937, 10.1440.

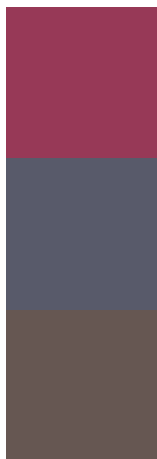


This preview shows how white text looks on a background with the XYZ color 15.9459, 10.1937,

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

15.9459, 10.1937, 10.1440

Protanopia

10.2822, 10.4276, 15.1065

Deuteranopia

10.4107, 10.2504, 9.4125



Tritanopia

15.2006, 10.2032, 6.1693

Trichromacy



Original Color

15.9459, 10.1937, 10.1440

Protanomaly

11.5321, 9.7291, 13.0745

Deuteranomaly

11.9304, 9.8020, 9.6507

Tritanomaly

15.3961, 10.1968, 7.4600

Monochromacy



Original Color

15.9459, 10.1937, 10.1440

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.0974, 9.4571, 10.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9459, 10.1937, 10.1440 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, 57, 87)` looks like.

```
.text, #text, p{  
    color:rgb(151, 57, 87)  
}
```

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, 57, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 57, 87) }
```

Border

The CSS property to change the border of an element to XYZ 15.9459, 10.1937, 10.1440 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, 57, 87) }
```


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

```
.border{ border-color:rgb(151, 57, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 57, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 57, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 57, 87);  
box-shadow:4px 4px 4px 4px rgb(151, 57,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9459, 10.1937, 10.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 57, 87) }
```

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

```
.background{ background-color: rgb(151, 57,  
87) }
```

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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