

Converting Colors

XYZ(16.5015, 9.9097, 10.7548)

Have a look what the booklet for
XYZ(16.5015, 9.9097, 10.7548)
contains.

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Color

**XYZ(16.4613, 9.9034,
10.7168)**

Conversions

Conversions Part 1

Format	Color
Hex	9B315A
RGB	155, 49, 90
RGB Percent	61%, 19%, 35%
CMY	0.3922, 0.8078, 0.6471
CMYK	0.00, 0.68, 0.42, 0.39
HSL	337°, 52%, 40%
HSV	337°, 68%, 61%
XYZ	16.4613, 9.9034, 10.7168
YIQ	85.3680, 50.0150, 35.2230

Conversions

Conversions Part 2

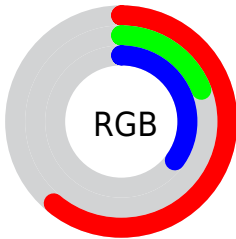
Format	Color
R_{YB}	155, 49, 90
Decimal	10170714
CIE _{Lab}	37.67, 47.38, 0.19
CIE _{LCh}	38, 47.376, 0.230
Yxy	9.9034, 0.4439, 0.2671
Android (android.graphics.Color)	4288360794 (0xFF9B315A)
YUV	85.3680, 2.2836, 61.0673
Hunter-Lab	31.4697, 38.2987, 1.8379

Details

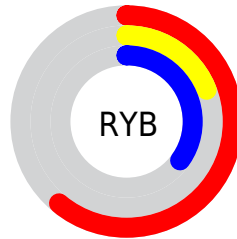
The XYZ color **16.4613, 9.9034, 10.7168** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.0259, 25.3107, 19.9623**, and the grayscale version is **8.7004, 9.1535, 9.9682**.

A 20% lighter version of the original color is **36.9256, 25.5423, 27.7949**, and **5.6192, 2.8421, 2.7350** is the 20% darker color. If you saturate the color by 10%, you get **15.5419, 8.6711, 8.5402**, and if you desaturate by 10%, it is **17.6560, 11.6033, 13.2406**.

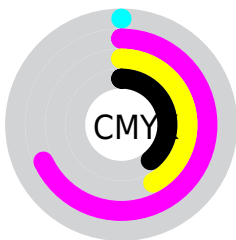
Distribution



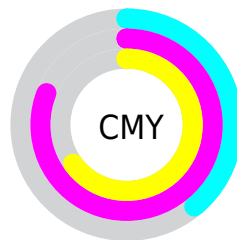
- Red (61%)
- Green (19%)
- Blue (35%)



- Red (61%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (39%)





- Cyan (39%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4613, 9.9034, 10.7168 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 16.4613, 9.9034, 10.7168 by changing the saturation by 10% instead.


 16.4613, 9.9034,
10.7168


 16.4613, 9.9034,
10.7168


225.2659,
189.9812, 206.3814


 9.9441, 5.3350,
5.7650


 36.9482, 25.6136,
27.7639


 5.4239, 2.4451,
2.6362

 51.6486, 37.5242,
40.6962


 2.5353, 0.8489,
0.9111

 69.8075, 52.6510,
57.1258

 0.9131, 0.0000,
0.0000

 91.7901, 71.3783,
77.4712

 0.0000, 0.0000,
0.0000

 117.9620, 94.0906,
102.1509

 148.6883,

121.1723, 131.5835

184.3345,
153.0077, 166.1874

■ 16.4613, 9.9034,
10.7168

■ 16.4613, 9.9034,
10.7168

■ 15.5419, 8.6711,
8.5402

■ 17.6560, 11.6033,
13.2406

■ 14.8709, 7.8562,
6.6921

■ 19.1476, 13.8112,
16.1277

■ 14.4001, 7.3651,
5.1463

■ 20.9563, 16.5649,
19.3936

■ 14.3317, 7.2942,
4.9202

■ 23.1004, 19.8980,
23.0526

■ 25.5966, 23.8415,
27.1183

■ 28.4605, 28.4242,
31.6033

■ 31.7067, 33.6729,
36.5199

■ 35.3492, 39.6130,
41.8798

■ 39.4009, 46.2686,
47.6941

Harmonies

Analogous

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



15.3782, 9.9034, 21.2746



16.4613, 9.9034, 10.7168



15.3460, 9.9034, 4.4091

Triad

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



16.4613, 9.9034, 10.7168



6.7911, 9.9034, 1.8697



6.8235, 9.9034, 32.4960

Complementary

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



16.4613, 9.9034, 10.7168



16.0259, 25.3107, 19.9623

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.



5.2481, 9.9034, 21.4562



16.4613, 9.9034, 10.7168



5.2324, 9.9034, 4.4728

Square

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



16.4613, 9.9034, 10.7168



9.3897, 9.9034, 1.2532



4.7332, 9.9034, 10.8497



9.4361, 9.9034, 37.2729

Rectangle

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



16.4613, 9.9034, 10.7168



13.6183, 9.9034, 2.4053



4.7332, 9.9034, 10.8497



6.1768, 9.9034, 29.1805

Sweetspot

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



16.4616, 9.9039, 10.7170



44.4195, 40.4414, 46.2838



13.7740, 8.0482, 31.8376



9.7929, 8.7406, 10.0518



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.4616, 9.9039, 10.7170



27.1548, 14.6806, 13.4968



15.6673, 10.3810, 4.0845



6.3027, 6.2603, 6.9744



11.5290, 5.8658, 4.0445



0.1893, 0.0945, 0.1499

Inverse Universe

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



16.4616, 9.9039, 10.7170



27.1548, 14.6806, 13.4968



17.2173, 23.0877, 34.5591



6.3027, 6.2603, 6.9744



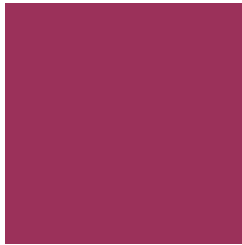
11.5290, 5.8658, 4.0445



0.1893, 0.0945, 0.1499

Previews

White Background



This preview shows how the XYZ color 16.4613, 9.9034, 10.7168 looks on a white background.

Color Contrast Check

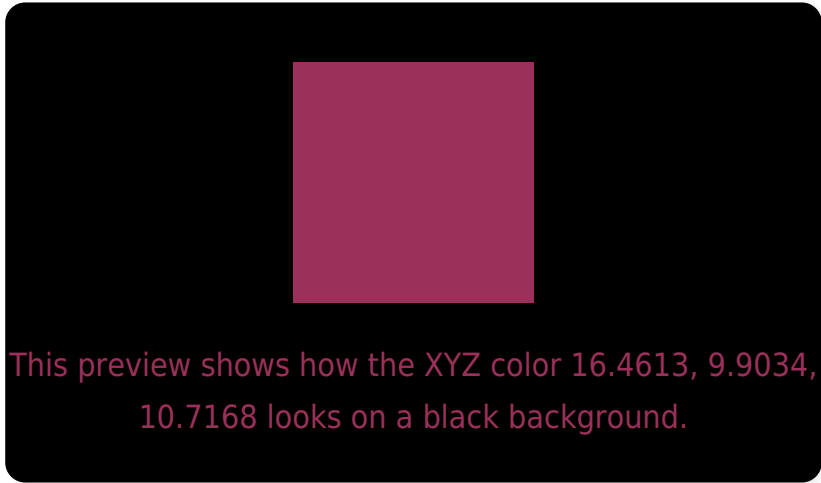
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 16.4613, 9.9034, 10.7168

Background



This preview shows how black text looks on a background with the XYZ color 16.4613, 9.9034, 10.7168.

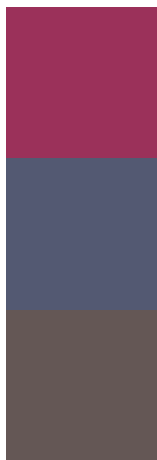


This preview shows how white text looks on a background with the XYZ color 16.4613, 9.9034,

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

16.4613, 9.9034, 10.7168

Protanopia

10.1769, 10.1987, 17.3517

Deuteranopia

10.3034, 10.1816, 10.0165



Tritanopia

15.3405, 9.9164, 5.2432

Trichromacy



Original Color

16.4613, 9.9034, 10.7168

Protanomaly

11.3053, 9.1687, 14.5385

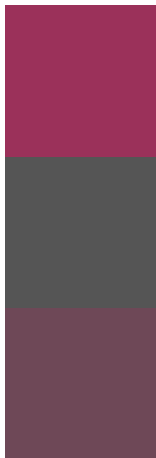
Deuteranomaly

11.8486, 9.4463, 10.2156

Tritanomaly

15.7050, 9.8584, 6.8695

Monochromacy



Original Color

16.4613, 9.9034, 10.7168

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.4681, 8.6378, 10.1324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4613, 9.9034, 10.7168 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(155, 49, 90)` looks like.

```
.text, #text, p{  
    color:rgb(155, 49, 90)  
}
```

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(155, 49, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 49, 90) }
```

Border

The CSS property to change the border of an element to XYZ 16.4613, 9.9034, 10.7168 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(155, 49, 90) }
```


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

```
.border{ border-color:rgb(155, 49, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 49, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 49, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 49, 90);  
box-shadow:4px 4px 4px 4px rgb(155, 49,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4613, 9.9034, 10.7168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 49, 90) }
```

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

```
.background{ background-color: rgb(155, 49,  
90) }
```

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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