

Converting Colors

XYZ(16.1155, 9.5137, 16.1237)

Have a look what the booklet for
XYZ(16.1155, 9.5137, 16.1237)
contains.

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Color

**XYZ(16.1389, 9.5575,
16.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	94306F
RGB	148, 48, 111
RGB Percent	58%, 19%, 44%
CMY	0.4196, 0.8117, 0.5647
CMYK	0.00, 0.68, 0.25, 0.42
HSL	322°, 51%, 38%
HSV	322°, 68%, 58%
XYZ	16.1389, 9.5575, 16.0331
YIQ	85.0820, 39.3770, 40.7930

Conversions

Conversions Part 2

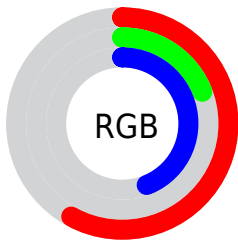
Format	Color
R_{YB}	148, 48, 111
Decimal	9711727
CIE _{Lab}	37.04, 48.27, -14.17
CIE _{LCh}	37, 50.306, 343.639
Yxy	9.5575, 0.3868, 0.2290
Android (android.graphics.Color)	4287901807 (0xFF94306F)
YUV	85.0820, 12.7776, 55.1791
Hunter-Lab	30.9152, 39.0821, -9.1081

Details

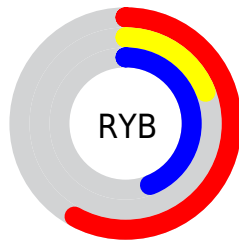
The XYZ color **16.1389, 9.5575, 16.0331** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.4490, 22.4643, 12.2227**, and the grayscale version is **8.6206, 9.0695, 9.8767**.

A 20% lighter version of the original color is **36.4414, 24.9308, 37.5418**, and **5.5133, 2.7386, 4.9406** is the 20% darker color. If you saturate the color by 10%, you get **15.3392, 8.4258, 14.3241**, and if you desaturate by 10%, it is **17.1597, 11.1015, 17.9071**.

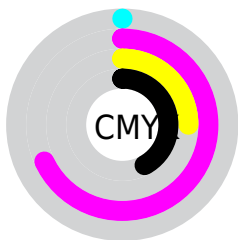
Distribution



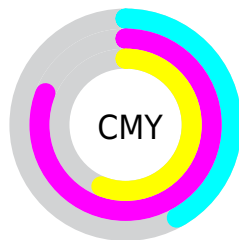
- Red (58%)
- Green (19%)
- Blue (44%)



- Red (58%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (42%)





- Cyan (42%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1389, 9.5575, 16.0331 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 16.1389, 9.5575, 16.0331 by changing the saturation by 10% instead.


 16.1389, 9.5575,
16.0331


 16.1389, 9.5575,
16.0331


223.4143,
187.4840, 241.3893


 9.7140, 5.1066,
9.3930

 36.3947, 24.9598,
37.4232


 5.2705, 2.3099,
4.8981

 50.9562, 36.6800,
53.0103


 2.4432, 0.7790,
2.1299

 68.9607, 51.5920,
72.4169

 0.8667, 0.0000,
0.6335

 90.7734, 70.0803,
96.0613

 0.0000, 0.0000,
0.0000

 116.7598, 92.5293,
124.3622

 147.2852,

119.3233, 157.7382

182.7149,
150.8467, 196.6077

■ 16.1389, 9.5575,
16.0331

■ 16.1389, 9.5575,
16.0331

■ 15.3392, 8.4258,
14.3241

■ 17.1597, 11.1015,
17.9071

■ 14.7383, 7.6628,
12.7710

■ 18.4191, 13.0928,
19.9534

■ 14.2980, 7.1926,
11.3594

■ 19.9339, 15.5642,
22.1792

■ 14.1991, 7.0904,
11.0313

■ 21.7190, 18.5451,
24.5909

■ 23.7881, 22.0625,
27.1946

■ 26.1540, 26.1413,
29.9960

■ 28.8287, 30.8053,
33.0005

■ 31.8233, 36.0763,
36.2131

■ 35.1488, 41.9755,
39.6389

Harmonies

Analogous

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



13.8831, 9.5575, 28.4419



16.1389, 9.5575, 16.0331



16.2473, 9.5575, 6.8592

Triad

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



16.1389, 9.5575, 16.0331



7.7421, 9.5575, 1.0488



5.3985, 9.5575, 27.3290

Complementary

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



16.1389, 9.5575, 16.0331



13.4490, 22.4643, 12.2227

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.



4.4136, 9.5575, 15.0046



16.1389, 9.5575, 16.0331



5.5421, 9.5575, 2.2687

Square

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



16.1389, 9.5575, 16.0331



10.8803, 9.5575, 1.0952



4.4593, 9.5575, 6.2794



7.4973, 9.5575, 37.1161

Rectangle

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



16.1389, 9.5575, 16.0331



15.0476, 9.5575, 3.4971



4.4593, 9.5575, 6.2794



4.9501, 9.5575, 23.1150

Sweetspot

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



16.1392, 9.5580, 16.0333



40.8855, 37.0695, 46.6458



10.1189, 6.1684, 28.6743



9.1179, 8.0955, 10.3787



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.1392, 9.5580, 16.0333



26.4881, 14.1104, 23.8560



14.1214, 8.7509, 5.4076



5.9452, 5.8731, 6.8175



12.1417, 6.0617, 9.4931



0.1629, 0.0799, 0.1914

Inverse Universe

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



16.1392, 9.5580, 16.0333



26.4881, 14.1104, 23.8560



16.1589, 23.5482, 26.4927



5.9452, 5.8731, 6.8175



12.1417, 6.0617, 9.4931



0.1629, 0.0799, 0.1914

Previews

White Background



This preview shows how the XYZ color 16.1389, 9.5575, 16.0331 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

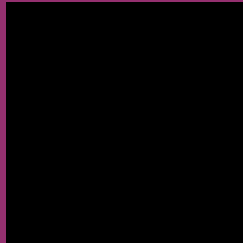
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1389, 9.5575, 16.0331

Background



This preview shows how black text looks on a background with the XYZ color 16.1389, 9.5575, 16.0331.



This preview shows how white text looks on a background with the XYZ color 16.1389, 9.5575,

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

16.1389, 9.5575, 16.0331

Protanopia

10.4453, 9.7780, 26.1478

Deuteranopia

9.9021, 9.7502, 14.7247



Tritanopia

14.0429, 9.5312, 5.9500

Trichromacy



Original Color

16.1389, 9.5575, 16.0331

Protanomaly

11.2096, 8.7611, 21.8691

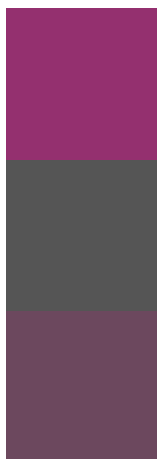
Deuteranomaly

11.4016, 9.0113, 15.0483

Tritanomaly

14.5764, 9.4422, 8.8388

Monochromacy



Original Color

16.1389, 9.5575, 16.0331

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.5221, 8.6310, 11.7011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1389, 9.5575, 16.0331 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(148, 48, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 48, 111)  
}
```

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(148, 48, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 48, 111) }
```

Border

The CSS property to change the border of an element to XYZ 16.1389, 9.5575, 16.0331 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(148, 48, 111) }
```


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

```
.border{ border-color:rgb(148, 48, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 48, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 48, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 48, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 48,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1389, 9.5575, 16.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 48, 111) }
```

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

```
.background{ background-color: rgb(148, 48,  
111) }
```

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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