

Converting Colors

XYZ(16.9262, 9.7943, 13.0647)

Have a look what the booklet for
XYZ(16.9262, 9.7943, 13.0647)
contains.

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Color

**XYZ(16.9112, 9.7894,
13.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2C64
RGB	156, 44, 100
RGB Percent	61%, 17%, 39%
CMY	0.3882, 0.8274, 0.6078
CMYK	0.00, 0.72, 0.36, 0.39
HSL	330°, 56%, 39%
HSV	330°, 72%, 61%
XYZ	16.9112, 9.7894, 13.0548
YIQ	83.8720, 48.7760, 41.1600

Conversions

Conversions Part 2

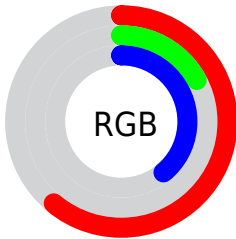
Format	Color
R_{YB}	156, 44, 100
Decimal	10234980
CIE _{Lab}	37.46, 50.78, -6.44
CIE _{LCh}	37, 51.190, 352.767
Yxy	9.7894, 0.4254, 0.2462
Android (android.graphics.Color)	4288425060 (0xFF9C2C64)
YUV	83.8720, 7.9511, 63.2563
Hunter-Lab	31.2880, 41.7254, -2.8369

Details

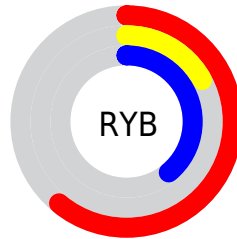
The XYZ color **16.9112, 9.7894, 13.0548** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.2280, 25.2327, 16.1262**, and the grayscale version is **8.3782, 8.8145, 9.5990**.

A 20% lighter version of the original color is **37.7793, 25.4542, 32.2001**, and **5.8981, 2.9664, 3.6299** is the 20% darker color. If you saturate the color by 10%, you get **16.0758, 8.6941, 11.0019**, and if you desaturate by 10%, it is **18.0018, 11.3371, 15.3713**.

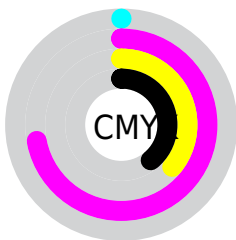
Distribution



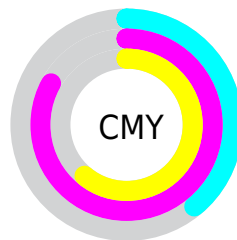
- Red (61%)
- Green (17%)
- Blue (39%)



- Red (61%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (72%)
- Yellow (36%)
- Black (39%)





- Cyan (39%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.9112, 9.7894, 13.0548 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 16.9112, 9.7894, 13.0548 by changing the saturation by 10% instead.


 16.9112, 9.7894,
13.0548


 16.9112, 9.7894,
13.0548


227.8264,
189.1623, 222.4887


 10.2661, 5.2595,
7.3351


 37.7178, 25.3986,
32.0948


 5.6394, 2.4003,
3.5909

 52.6101, 37.2468,
46.2523

 2.6656, 0.8261,
1.4037

 70.9822, 52.3032,
64.0594

 0.9795, 0.0000,
0.1446

 93.1993, 70.9522,
85.9347

 0.0000, 0.0000,
0.0000

 119.6270, 93.5782,
112.2967

 150.6305,

120.5656, 143.5640

186.5751,
152.2989, 180.1552

■ 16.9112, 9.7894,
13.0548

■ 16.9112, 9.7894,
13.0548

■ 16.0758, 8.6941,
11.0019

■ 18.0018, 11.3371,
15.3713

■ 15.4677, 7.9972,
9.1981

■ 19.3697, 13.3799,
17.9633

■ 15.0852, 7.6179,
7.8821

■ 21.0353, 15.9573,
20.8424

■ 23.0168, 19.1043,
24.0190

■ 25.3311, 22.8529,
27.5030

■ 27.9935, 27.2328,
31.3038

■ 31.0186, 32.2716,
35.4302

■ 34.4200, 37.9952,
39.8907

■ 38.2105, 44.4284,
44.6933

Harmonies

Analogous

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



15.1662, 9.7894, 25.4189



16.9112, 9.7894, 13.0548



16.2733, 9.7894, 5.1578

Triad

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



16.9112, 9.7894, 13.0548



7.1053, 9.7894, 1.2381



6.0344, 9.7894, 31.9714

Complementary

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



16.9112, 9.7894, 13.0548



15.2280, 25.2327, 16.1262

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.



4.6781, 9.7894, 19.1142



16.9112, 9.7894, 13.0548



5.1893, 9.7894, 3.1202

Square

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



16.9112, 9.7894, 13.0548



10.1073, 9.7894, 0.9652



4.4091, 9.7894, 8.5758



8.5455, 9.7894, 39.7648

Rectangle

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



16.9112, 9.7894, 13.0548



14.6394, 9.7894, 2.5762



4.4091, 9.7894, 8.5758



5.4544, 9.7894, 27.8363

Sweetspot

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



16.9115, 9.7899, 13.0550



45.7186, 41.0341, 49.5279



12.1576, 6.9117, 32.1457



9.8205, 8.6392, 10.5438



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.



16.9115, 9.7899, 13.0550



28.4989, 14.9620, 17.9928



15.0660, 9.0517, 3.3367



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5847



0.2438, 0.1209, 0.2301

Inverse Universe

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



16.9115, 9.7899, 13.0550



28.4989, 14.9620, 17.9928



18.9282, 26.7128, 35.6109



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5847



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 16.9112, 9.7894, 13.0548 looks on a white background.

Color Contrast Check

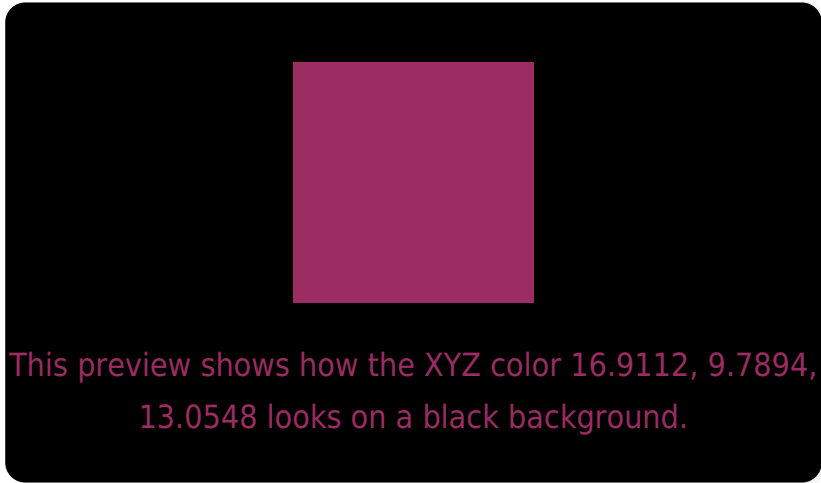
Large Text (above 18pt) WCAG AA ✓ Pass

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

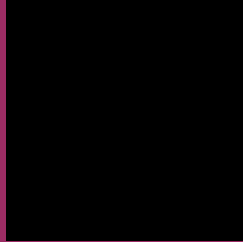
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9112, 9.7894, 13.0548

Background



This preview shows how black text looks on a background with the XYZ color 16.9112, 9.7894, 13.0548.



This preview shows how white text looks on a background with the XYZ color 16.9112, 9.7894,

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

16.9112, 9.7894, 13.0548

Protanopia

10.4327, 10.1009, 22.1687

Deuteranopia

10.2524, 10.1113, 12.0010



Tritanopia

15.2668, 9.8102, 5.0919

Trichromacy



Original Color

16.9112, 9.7894, 13.0548

Protanomaly

11.4131, 8.9460, 18.2648

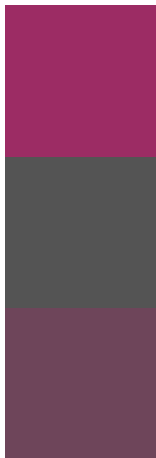
Deuteranomaly

11.8358, 9.2026, 12.2188

Tritanomaly

15.7129, 9.7187, 7.3511

Monochromacy



Original Color

16.9112, 9.7894, 13.0548

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.4040, 8.3094, 10.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9112, 9.7894, 13.0548 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(156, 44, 100)` looks like.

```
.text, #text, p{  
    color:rgb(156, 44, 100)  
}
```

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(156, 44, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 44, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.9112, 9.7894, 13.0548 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(156, 44, 100) }
```


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

```
.border{ border-color:rgb(156, 44, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 44, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 44, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 44, 100);  
box-shadow:4px 4px 4px 4px rgb(156, 44,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9112, 9.7894, 13.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 44, 100) }
```

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

```
.background{ background-color: rgb(156, 44,  
100) }
```

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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