

Converting Colors

XYZ(17.0928, 9.7923, 16.8739)

Have a look what the booklet for
XYZ(17.0928, 9.7923, 16.8739)
contains.

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Color

**XYZ(17.0748, 9.7886,
16.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	992C72
RGB	153, 44, 114
RGB Percent	60%, 17%, 45%
CMY	0.4000, 0.8274, 0.5529
CMYK	0.00, 0.71, 0.25, 0.40
HSL	321°, 55%, 39%
HSV	321°, 71%, 60%
XYZ	17.0748, 9.7886, 16.9090
YIQ	84.5710, 42.4940, 44.8780

Conversions

Conversions Part 2

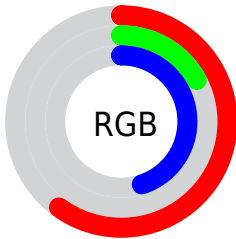
Format	Color
R_{YB}	153, 44, 114
Decimal	10038386
CIE _{Lab}	37.46, 51.69, -15.33
CIE _{LCh}	37, 53.918, 343.483
Yxy	9.7886, 0.3901, 0.2236
Android (android.graphics.Color)	4288228466 (0xFF992C72)
YUV	84.5710, 14.5085, 60.0122
Hunter-Lab	31.2867, 42.6649, -10.1427

Details

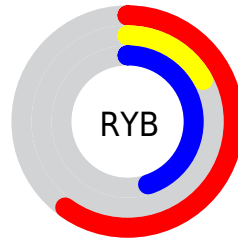
The XYZ color **17.0748, 9.7886, 16.9090** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.9919, 23.9428, 12.0690**, and the grayscale version is **8.5103, 8.9535, 9.7504**.

A 20% lighter version of the original color is **37.9231, 25.3785, 38.9762**, and **6.0204, 2.9900, 5.4141** is the 20% darker color. If you saturate the color by 10%, you get **16.3039, 8.7307, 15.1603**, and if you desaturate by 10%, it is **18.0751, 11.2752, 18.8263**.

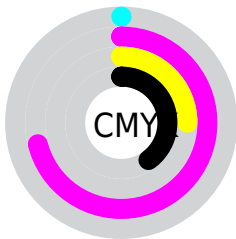
Distribution



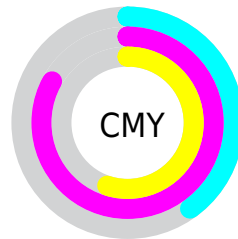
- Red (60%)
- Green (17%)
- Blue (45%)



- Red (60%)
- Yellow (17%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0748, 9.7886, 16.9090 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 17.0748, 9.7886, 16.9090 by changing the saturation by 10% instead.


 17.0748, 9.7886,
16.9090


 17.0748, 9.7886,
16.9090


228.7509,
189.1565, 246.6736


 10.3835, 5.2590,
10.0084


 37.9969, 25.3971,
38.9578


 5.7182, 2.4000,
5.2988

 52.9584, 37.2448,
54.9429


 2.7135, 0.8259,
2.3618

 71.4073, 52.3007,
74.7934

 1.0041, 0.0000,
0.7656

 93.7091, 70.9492,
98.9277

 0.0000, 0.0000,
0.0000

 120.2289, 93.5746,
127.7643

 151.3323,

120.5614, 161.7218

187.3845,
152.2939, 201.2187

■ 17.0748, 9.7886,
16.9090

■ 17.0748, 9.7886,
16.9090

■ 16.3039, 8.7307,
15.1603

■ 18.0751, 11.2752,
18.8263

■ 15.7368, 8.0510,
13.5699

■ 19.3248, 13.2307,
20.9204

■ 15.3535, 7.6590,
12.2873

■ 20.8430, 15.6921,
23.1990

■ 22.6463, 18.6924,
25.6693

■ 24.7501, 22.2618,
28.3377

■ 27.1684, 26.4281,
31.2105

■ 29.9147, 31.2176,
34.2935

■ 33.0013, 36.6546,
37.5921

■ 36.4402, 42.7624,
41.1116

Harmonies

Analogous

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



14.5604, 9.7886, 30.8044



17.0748, 9.7886, 16.9090



17.2093, 9.7886, 6.8649

Triad

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



17.0748, 9.7886, 16.9090



7.8626, 9.7886, 0.8498



5.3241, 9.7886, 29.4052

Complementary

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



17.0748, 9.7886, 16.9090



13.9919, 23.9428, 12.0690

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.



4.2884, 9.7886, 15.6409



17.0748, 9.7886, 16.9090



5.4944, 9.7886, 2.0321

Square

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



17.0748, 9.7886, 16.9090



11.2867, 9.7886, 0.9014



4.3420, 9.7886, 6.1759



7.5678, 9.7886, 40.5271

Rectangle

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



17.0748, 9.7886, 16.9090



15.8830, 9.7886, 3.3112



4.3420, 9.7886, 6.1759



4.8506, 9.7886, 24.6652

Sweetspot

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



17.0751, 9.7891, 16.9092



44.2527, 39.7455, 50.6615



10.1438, 5.9026, 30.7417



9.5522, 8.4021, 10.9152



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.



17.0751, 9.7891, 16.9092



28.6036, 14.8954, 25.5664



14.8629, 8.9042, 5.2598



6.3673, 6.2861, 7.3145



12.7057, 6.3365, 10.2410



0.2072, 0.1016, 0.2438

Inverse Universe

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



17.0751, 9.7891, 16.9092



28.6036, 14.8954, 25.5664



16.9206, 25.1143, 27.4916



6.3673, 6.2861, 7.3145



12.7057, 6.3365, 10.2410



0.2072, 0.1016, 0.2438

Previews

White Background



This preview shows how the XYZ color 17.0748, 9.7886, 16.9090 looks on a white background.

Color Contrast Check

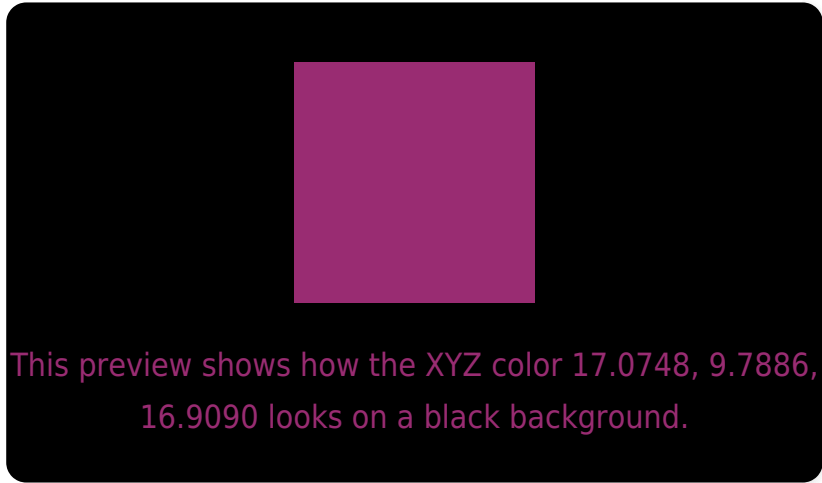
Large Text (above 18pt) WCAG AA ✓ Pass

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

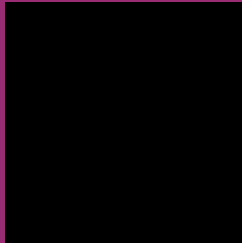
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0748, 9.7886, 16.9090

Background



This preview shows how black text looks on a background with the XYZ color 17.0748, 9.7886, 16.9090.



This preview shows how white text looks on a background with the XYZ color 17.0748, 9.7886,

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

17.0748, 9.7886, 16.9090

Protanopia

10.8546, 10.0468, 28.9709

Deuteranopia

10.1395, 9.9738, 15.5781



Tritanopia

14.8556, 9.8764, 5.8260

Trichromacy



Original Color

17.0748, 9.7886, 16.9090

Protanomaly

11.5562, 8.7971, 24.0106

Deuteranomaly

11.7498, 9.0770, 15.8846

Tritanomaly

15.4198, 9.7316, 9.0483

Monochromacy



Original Color

17.0748, 9.7886, 16.9090

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.7319, 8.5398, 12.1491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0748, 9.7886, 16.9090 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(153, 44, 114)` looks like.

```
.text, #text, p{  
    color:rgb(153, 44, 114)  
}
```

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(153, 44, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 44, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.0748, 9.7886, 16.9090 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(153, 44, 114) }
```


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

```
.border{ border-color:rgb(153, 44, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 44, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 44, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 44, 114);  
box-shadow:4px 4px 4px 4px rgb(153, 44,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0748, 9.7886, 16.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 44, 114) }
```

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

```
.background{ background-color: rgb(153, 44,  
114) }
```

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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