

Converting Colors

XYZ(17.1171, 9.8580, 18.9006)

Have a look what the booklet for
XYZ(17.1171, 9.8580, 18.9006)
contains.

XYZ(17.1297, 9.8894, 18.7753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1297, 9.8894,
18.7753)**

Conversions

Conversions Part 1

Format	Color
Hex	972E78
RGB	151, 46, 120
RGB Percent	59%, 18%, 47%
CMY	0.4078, 0.8196, 0.5294
CMYK	0.00, 0.70, 0.21, 0.41
HSL	318°, 53%, 39%
HSV	318°, 70%, 59%
XYZ	17.1297, 9.8894, 18.7753
YIQ	85.8310, 38.8260, 45.2740

Conversions

Conversions Part 2

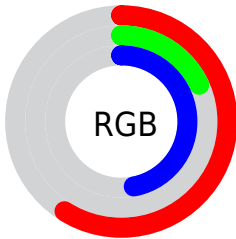
Format	Color
R_{YB}	151, 46, 120
Decimal	9907832
CIE _{Lab}	37.64, 51.21, -18.83
CIE _{LCh}	38, 54.560, 339.809
Yxy	9.8894, 0.3741, 0.2160
Android (android.graphics.Color)	4288097912 (0xFF972E78)
YUV	85.8310, 16.8453, 57.1532
Hunter-Lab	31.4474, 42.1976, -13.3852

Details

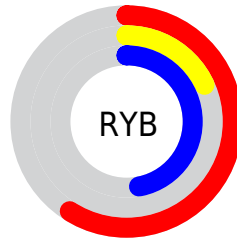
The XYZ color **17.1297, 9.8894, 18.7753** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.5335, 23.2503, 10.7968**, and the grayscale version is **8.7698, 9.2265, 10.0477**.

A 20% lighter version of the original color is **38.0160, 25.5028, 41.9486**, and **5.9612, 2.9417, 6.2149** is the 20% darker color. If you saturate the color by 10%, you get **16.3759, 8.8048, 17.2200**, and if you desaturate by 10%, it is **18.1042, 11.3951, 20.4665**.

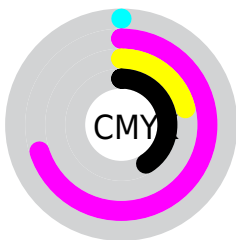
Distribution



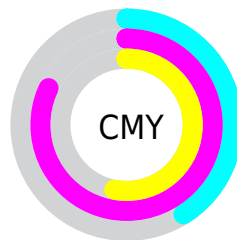
- Red (59%)
- Green (18%)
- Blue (47%)



- Red (59%)
- Yellow (18%)
- Blue (47%)



- Cyan (0%)
- Magenta (70%)
- Yellow (21%)
- Black (41%)




- Cyan (41%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1297, 9.8894, 18.7753 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 17.1297, 9.8894, 18.7753 by changing the saturation by 10% instead.


 17.1297, 9.8894,
18.7753


 17.1297, 9.8894,
18.7753


229.0604,
189.8809, 257.5867


 10.4229, 5.3257,
11.3329


 38.0905, 25.5873,
42.1857


 5.7446, 2.4396,
6.1742

 53.0751, 37.4902,
58.9907

 2.7296, 0.8461,
2.8808

 71.5498, 52.6084,
79.7537

 1.0124, 0.0000,
1.0341

 93.8798, 71.3261,
104.8932

 0.0000, 0.0000,
0.0000

 120.4305, 94.0278,
134.8277

 151.5673,

121.0979, 169.9757

187.6554,
152.9208, 210.7559

■ 17.1297, 9.8894,
18.7753

■ 17.1297, 9.8894,
18.7753

■ 16.3759, 8.8048,
17.2200

■ 18.1042, 11.3951,
20.4665

■ 15.8189, 8.0938,
15.7916

■ 19.3182, 13.3595,
22.3004

■ 15.4044, 7.6484,
14.4711

■ 20.7896, 15.8178,
24.2840

■ 15.3859, 7.6287,
14.4111

■ 22.5340, 18.8015,
26.4231

■ 24.5661, 22.3393,
28.7235

■ 26.8993, 26.4577,
31.1904

■ 29.5462, 31.1818,
33.8287

■ 32.5185, 36.5350,
36.6431

■ 35.8276, 42.5395,
39.6380

Harmonies

Analogous

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



14.3356, 9.8894, 33.0423



17.1297, 9.8894, 18.7753



17.5989, 9.8894, 7.8368

Triad

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



17.1297, 9.8894, 18.7753



8.3110, 9.8894, 0.7788



5.1587, 9.8894, 28.1561

Complementary

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



17.1297, 9.8894, 18.7753



13.5335, 23.2503, 10.7968

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.



4.2493, 9.8894, 14.3515



17.1297, 9.8894, 18.7753



5.7507, 9.8894, 1.7608

Square

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



17.1297, 9.8894, 18.7753



11.8883, 9.8894, 0.9575



4.4355, 9.8894, 5.4389



7.2849, 9.8894, 40.3828

Rectangle

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



17.1297, 9.8894, 18.7753



16.4358, 9.8894, 3.8013



4.4355, 9.8894, 5.4389



4.7275, 9.8894, 23.2904

Sweetspot

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



17.1300, 9.8899, 18.7755



43.2670, 38.7323, 50.6396



9.5242, 5.7153, 29.8796



9.6196, 8.4291, 11.2702



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.



17.1300, 9.8899, 18.7755



28.7742, 15.0371, 29.4992



14.8064, 8.9605, 6.5396



6.3835, 6.2925, 7.3994



13.1019, 6.4950, 12.3275



0.2115, 0.1034, 0.2668

Inverse Universe

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



17.1300, 9.8899, 18.7755



28.7742, 15.0371, 29.4992



16.1066, 24.2795, 24.3466



6.3835, 6.2925, 7.3994



13.1019, 6.4950, 12.3275



0.2115, 0.1034, 0.2668

Previews

White Background



This preview shows how the XYZ color 17.1297, 9.8894, 18.7753 looks on a white background.

Color Contrast Check

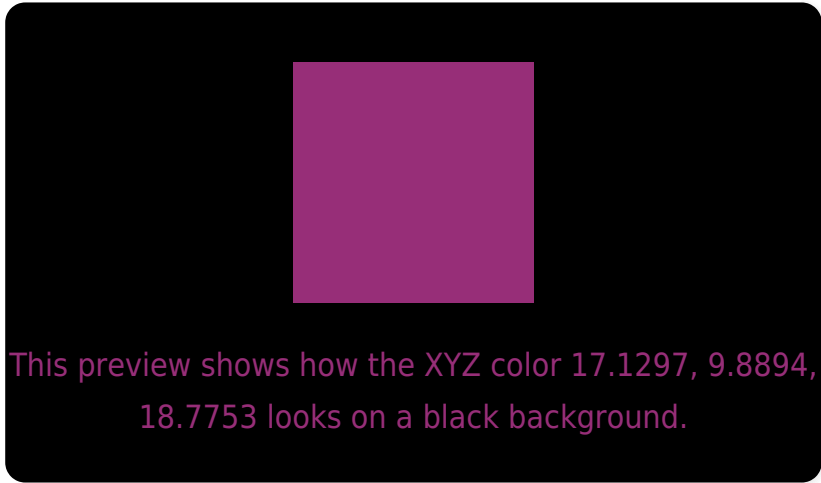
Large Text (above 18pt) WCAG AA ✓ Pass

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

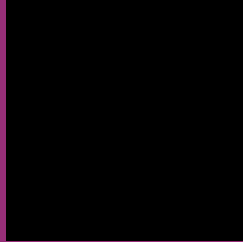
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1297, 9.8894, 18.7753

Background



This preview shows how black text looks on a background with the XYZ color 17.1297, 9.8894, 18.7753.



This preview shows how white text looks on a background with the XYZ color 17.1297, 9.8894,

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

17.1297, 9.8894, 18.7753

Protanopia

11.1640, 10.2715, 31.5312

Deuteranopia

10.2733, 10.1256, 17.3326



Tritanopia

14.5601, 9.9496, 6.3073

Trichromacy



Original Color

17.1297, 9.8894, 18.7753

Protanomaly

11.8064, 9.0679, 26.3273

Deuteranomaly

11.8416, 9.2773, 17.6896

Tritanomaly

15.3066, 9.7961, 9.8882

Monochromacy



Original Color

17.1297, 9.8894, 18.7753

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.8883, 8.7033, 12.6613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1297, 9.8894, 18.7753 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, 46, 120)` looks like.

```
.text, #text, p{  
    color:rgb(151, 46, 120)  
}
```

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, 46, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 46, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.1297, 9.8894, 18.7753 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, 46, 120) }
```


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

```
.border{ border-color:rgb(151, 46, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 46, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 46, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 46, 120);  
box-shadow:4px 4px 4px 4px rgb(151, 46,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1297, 9.8894, 18.7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 46, 120) }
```

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

```
.background{ background-color: rgb(151, 46,  
120) }
```

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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