

Converting Colors

XYZ(17.8412, 10.0441, 7.8136)

Have a look what the booklet for
XYZ(17.8412, 10.0441, 7.8136)
contains.

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Color

**XYZ(17.9024, 10.0604,
7.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	A7254C
RGB	167, 37, 76
RGB Percent	65%, 15%, 30%
CMY	0.3451, 0.8549, 0.7020
CMYK	0.00, 0.78, 0.54, 0.35
HSL	342°, 64%, 40%
HSV	342°, 78%, 65%
XYZ	17.9024, 10.0604, 7.8358
YIQ	80.3160, 64.9610, 39.6890

Conversions

Conversions Part 2

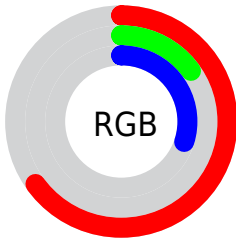
Format	Color
R_{YB}	167, 37, 76
Decimal	10954060
CIE _{Lab}	37.95, 54.07, 9.83
CIE _{LCh}	38, 54.952, 10.303
Yxy	10.0604, 0.5001, 0.2810
Android (android.graphics.Color)	4289144140 (0xFFA7254C)
YUV	80.3160, -2.1278, 76.0219
Hunter-Lab	31.7181, 45.2425, 7.5554

Details

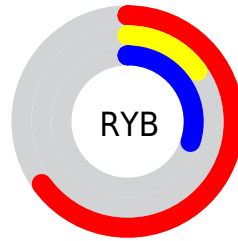
The XYZ color **17.9024, 10.0604, 7.8358** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18.4788, 29.5895, 25.1625**, and the grayscale version is **7.6825, 8.0826, 8.8020**.

A 20% lighter version of the original color is **39.4724, 25.9960, 22.3393**, and **6.5812, 3.3610, 1.7407** is the 20% darker color. If you saturate the color by 10%, you get **17.1262, 9.1005, 5.7507**, and if you desaturate by 10%, it is **18.9906, 11.5263, 10.3895**.

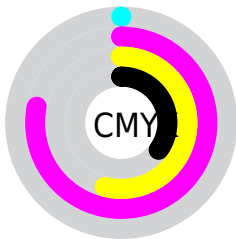
Distribution



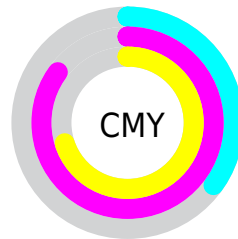
- Red (65%)
- Green (15%)
- Blue (30%)



- Red (65%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (54%)
- Black (35%)





- Cyan (35%)
- Magenta (85%)
- Yellow (70%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9024, 10.0604, 7.8358 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 17.9024, 10.0604, 7.8358 by changing the saturation by 10% instead.


 17.9024, 10.0604,
7.8358


 17.9024, 10.0604,
7.8358


233.3766,
191.1026, 184.3246


 10.9792, 5.4390,
3.9038


 39.4023, 25.9090,
22.1767


 6.1200, 2.5071,
1.5727


 54.7098, 37.9051,
33.4228


 2.9596, 0.8802,
0.2712

 73.5427, 53.1282,
47.9439

 1.1324, 0.0000,
0.0000

 96.2664, 71.9627,
66.1586

 0.0520, 0.0000,
0.0000

 123.2463, 94.7930,
88.4855

 0.0000, 0.0000,
0.0000

 154.8477,

122.0034, 115.3431

191.4360,
153.9785, 147.1500

■ 17.9024, 10.0604,
7.8358

■ 17.9024, 10.0604,
7.8358

■ 17.1262, 9.1005,
5.7507

■ 18.9906, 11.5263,
10.3895

■ 16.6093, 8.5474,
4.0968

■ 20.4226, 13.5553,
13.4404

■ 16.5140, 8.4465,
3.7880

■ 22.2266, 16.1989,
17.0152

■ 24.4278, 19.5019,
21.1381

■ 27.0490, 23.5052,
25.8320

■ 30.1113, 28.2462,
31.1183

■ 33.6343, 33.7597,
37.0172

■ 37.6364, 40.0782,
43.5480

■ 42.1351, 47.2325,
50.7290

Harmonies

Analogous

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



17.4695, 10.0604, 18.8869



17.9024, 10.0604, 7.8358



15.7195, 10.0604, 2.5839

Triad

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



17.9024, 10.0604, 7.8358



5.8135, 10.0604, 1.8171



7.4545, 10.0604, 41.2831

Complementary

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



17.9024, 10.0604, 7.8358



18.4788, 29.5895, 25.1625

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.



5.2681, 10.0604, 28.9213



17.9024, 10.0604, 7.8358



4.4946, 10.0604, 5.6271

Square

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



17.9024, 10.0604, 7.8358



8.4002, 10.0604, 0.7946



4.3231, 10.0604, 14.8061



10.8265, 10.0604, 43.3083

Rectangle

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



17.9024, 10.0604, 7.8358



13.3289, 10.0604, 1.2638



4.3231, 10.0604, 14.8061



6.5816, 10.0604, 37.9527

Sweetspot

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



17.9027, 10.0610, 7.8360



50.7691, 45.6846, 50.3174



16.5394, 8.7031, 37.3672



10.9471, 9.5842, 10.5397



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.9027, 10.0610, 7.8360



30.0062, 15.5767, 8.1965



18.0483, 11.9049, 3.0977



7.6203, 7.5780, 8.3176



12.6561, 6.4712, 3.0008



0.3302, 0.1664, 0.1904

Inverse Universe

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



17.9027, 10.0610, 7.8360



30.0062, 15.5767, 8.1965



17.2634, 22.2337, 39.9407



7.6203, 7.5780, 8.3176



12.6561, 6.4712, 3.0008



0.3302, 0.1664, 0.1904

Previews

White Background



This preview shows how the XYZ color 17.9024, 10.0604, 7.8358 looks on a white background.

Color Contrast Check

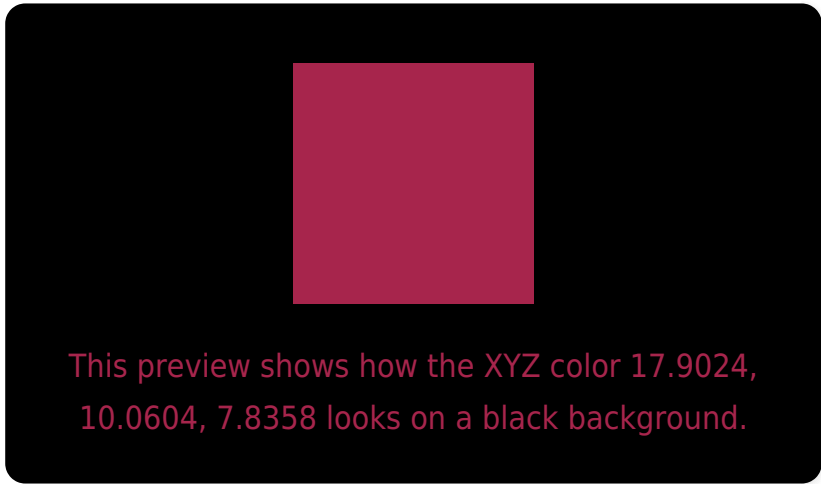
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

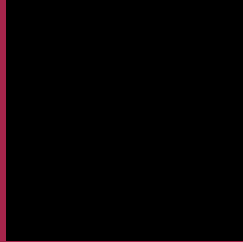
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9024, 10.0604, 7.8358

Background



This preview shows how black text looks on a background with the XYZ color 17.9024, 10.0604, 7.8358.



This preview shows how white text looks on a background with the XYZ color 17.9024, 10.0604,

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

17.9024, 10.0604, 7.8358

Protanopia

10.2242, 10.4154, 14.3035

Deuteranopia

10.4575, 10.3228, 7.2357



Tritanopia

17.1197, 10.1056, 3.6330

Trichromacy



Original Color

17.9024, 10.0604, 7.8358

Protanomaly

11.5651, 9.0787, 11.4987

Deuteranomaly

12.1999, 9.3133, 7.2855

Tritanomaly

17.2573, 9.9883, 4.8893

Monochromacy



Original Color

17.9024, 10.0604, 7.8358

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.9268, 7.6760, 8.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9024, 10.0604, 7.8358 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(167, 37, 76)` looks like.

```
.text, #text, p{  
    color:rgb(167, 37, 76)  
}
```

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(167, 37, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 37, 76) }
```

Border

The CSS property to change the border of an element to XYZ 17.9024, 10.0604, 7.8358 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(167, 37, 76) }
```


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

```
.border{ border-color:rgb(167, 37, 76) }
```

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

Here you see how a box with a 4 pixel rgb(167, 37, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 37, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 37, 76);  
box-shadow:4px 4px 4px 4px rgb(167, 37,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9024, 10.0604, 7.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 37, 76) }
```

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

```
.background{ background-color: rgb(167, 37,  
76) }
```

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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