

Converting Colors

XYZ(17.8735, 9.7647, 9.8378)

Have a look what the booklet for
XYZ(17.8735, 9.7647, 9.8378)
contains.

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Color

**XYZ(17.9221, 9.8119,
9.7534)**

Conversions

Conversions Part 1

Format	Color
Hex	A62056
RGB	166, 32, 86
RGB Percent	65%, 13%, 34%
CMY	0.3490, 0.8745, 0.6627
CMYK	0.00, 0.81, 0.48, 0.35
HSL	336°, 68%, 39%
HSV	336°, 81%, 65%
XYZ	17.9221, 9.8119, 9.7534
YIQ	78.2220, 62.5300, 45.2020

Conversions

Conversions Part 2

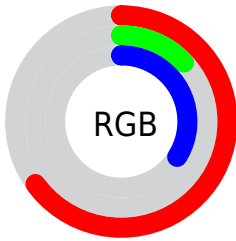
Format	Color
RYB	166, 32, 86
Decimal	10887254
CIELab	37.50, 56.10, 2.76
CIELCh	38, 56.170, 2.815
Yxy	9.8119, 0.4781, 0.2617
Android (android.graphics.Color)	4289077334 (0xFFA62056)
YUV	78.2220, 3.8346, 76.9813
Hunter-Lab	31.3240, 47.3124, 3.4655

Details

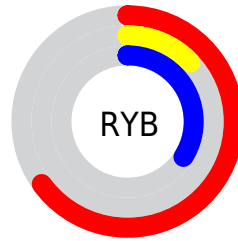
The XYZ color **17.9221, 9.8119, 9.7534** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **17.1574, 28.7497, 19.9772**, and the grayscale version is **7.2691, 7.6477, 8.3283**.

A 20% lighter version of the original color is **39.5644, 25.5723, 25.7723**, and **6.5846, 3.3482, 2.3971** is the 20% darker color. If you saturate the color by 10%, you get **17.2101, 8.9834, 7.6806**, and if you desaturate by 10%, it is **18.9152, 11.1141, 12.1933**.

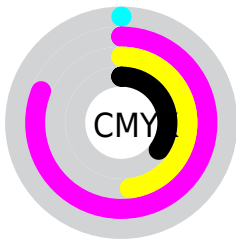
Distribution



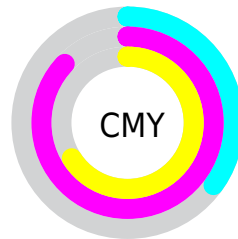
- Red (65%)
- Green (13%)
- Blue (34%)



- Red (65%)
- Yellow (13%)
- Blue (34%)



- Cyan (0%)
- Magenta (81%)
- Yellow (48%)
- Black (35%)





- Cyan (35%)
- Magenta (87%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.9221, 9.8119, 9.7534 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 17.9221, 9.8119, 9.7534 by changing the saturation by 10% instead.


 17.9221, 9.8119,
9.7534


 17.9221, 9.8119,
9.7534


233.4857,
189.3242, 199.3233


 10.9934, 5.2744,
5.1323


 39.4357, 25.4411,
25.9311


 6.1297, 2.4092,
2.2650


 54.7513, 37.3016,
38.3249


 2.9655, 0.8306,
0.7115

 73.5932, 52.3719,
54.1466

 1.1355, 0.0000,
0.0000

 96.3269, 71.0364,
73.8148

 0.0545, 0.0000,
0.0000

 123.3176, 93.6795,
97.7480

 0.0000, 0.0000,
0.0000

 154.9307,

120.6856, 126.3648

191.5316,
152.4390, 160.0837

■ 17.9221, 9.8119,
9.7534

■ 17.9221, 9.8119,
9.7534

■ 17.2101, 8.9834,
7.6806

■ 18.9152, 11.1141,
12.1933

■ 16.7356, 8.5109,
6.0533

■ 20.2206, 12.9487,
15.0210

■ 21.8658, 15.3678,
18.2558

■ 23.8751, 18.4166,
21.9152

■ 26.2702, 22.1359,
26.0156

■ 29.0714, 26.5629,
30.5724

■ 32.2971, 31.7322,
35.6000

■ 35.9648, 37.6762,
41.1124

■ 40.0909, 44.4250,
47.1229

Harmonies

Analogous

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



16.7957, 9.8119, 22.3100



17.9221, 9.8119, 9.7534



16.3052, 9.8119, 3.2134

Triad

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



17.9221, 9.8119, 9.7534



6.0990, 9.8119, 1.2435



6.5462, 9.8119, 39.1444

Complementary

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



17.9221, 9.8119, 9.7534



17.1574, 28.7497, 19.9772

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.



4.6912, 9.8119, 25.1336



17.9221, 9.8119, 9.7534



4.4827, 9.8119, 4.0177

Square

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



17.9221, 9.8119, 9.7534



8.9952, 9.8119, 0.5983



4.0412, 9.8119, 11.6709



9.6646, 9.8119, 44.4340

Rectangle

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



17.9221, 9.8119, 9.7534



14.0805, 9.8119, 1.4583



4.0412, 9.8119, 11.6709



5.7839, 9.8119, 34.9939

Sweetspot

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



17.9224, 9.8125, 9.7536



50.7776, 45.0584, 52.3032



13.8514, 7.1128, 36.7191



10.9747, 9.4698, 11.0712



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.



17.9224, 9.8125, 9.7536



30.5094, 15.6137, 11.3530



16.8570, 9.9519, 2.3997



7.6517, 7.5905, 8.4830



12.9996, 6.6086, 4.8094



0.3417, 0.1710, 0.2510

Inverse Universe

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



17.9224, 9.8125, 9.7536



30.5094, 15.6137, 11.3530



19.1726, 26.4479, 40.1707



7.6517, 7.5905, 8.4830



12.9996, 6.6086, 4.8094



0.3417, 0.1710, 0.2510

Previews

White Background



This preview shows how the XYZ color 17.9221, 9.8119, 9.7534 looks on a white background.

Color Contrast Check

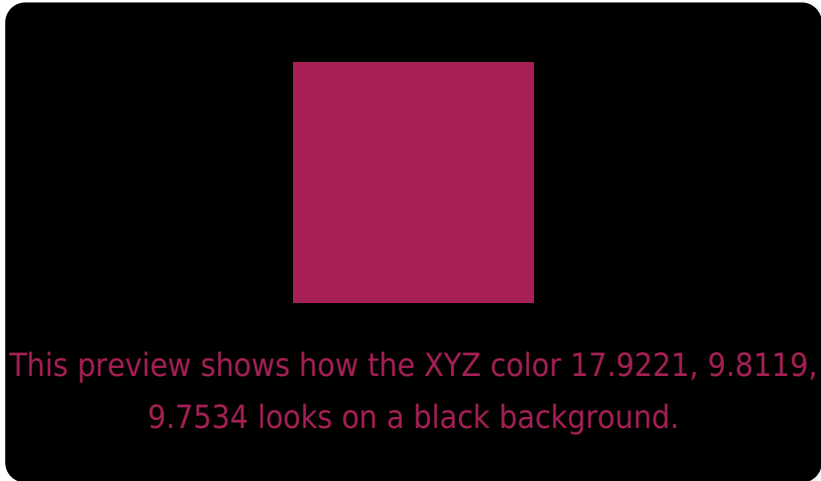
Large Text (above 18pt) WCAG AA ✓ Pass

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

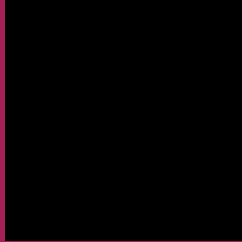
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9221, 9.8119, 9.7534

Background



This preview shows how black text looks on a background with the XYZ color 17.9221, 9.8119, 9.7534.



This preview shows how white text looks on a background with the XYZ color 17.9221, 9.8119,

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

17.9221, 9.8119, 9.7534

Protanopia

10.3221, 10.2466, 18.5733

Deuteranopia

10.2552, 10.0595, 8.9906



Tritanopia

16.7037, 9.8911, 3.6136

Trichromacy



Original Color

17.9221, 9.8119, 9.7534

Protanomaly

11.4787, 8.6856, 14.7072

Deuteranomaly

11.9287, 8.8656, 9.0652

Tritanomaly

17.1181, 9.8538, 5.4146

Monochromacy



Original Color

17.9221, 9.8119, 9.7534

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

9.5844, 7.2466, 8.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9221, 9.8119, 9.7534 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(166, 32, 86)` looks like.

```
.text, #text, p{  
    color:rgb(166, 32, 86)  
}
```

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(166, 32, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 32, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.9221, 9.8119, 9.7534 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(166, 32, 86) }
```


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

```
.border{ border-color:rgb(166, 32, 86) }
```

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

Here you see how a box with a 4 pixel rgb(166, 32, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 32, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 32, 86);  
box-shadow:4px 4px 4px 4px rgb(166, 32,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9221, 9.8119, 9.7534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 32, 86) }
```

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

```
.background{ background-color: rgb(166, 32,  
86) }
```

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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