

Converting Colors

XYZ(17.1503, 9.9175, 8.7616)

Have a look what the booklet for
XYZ(17.1503, 9.9175, 8.7616)
contains.

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Color

**XYZ(17.2135, 9.9314,
8.7943)**

Conversions

Conversions Part 1

Format	Color
Hex	A22A51
RGB	162, 42, 81
RGB Percent	64%, 16%, 32%
CMY	0.3647, 0.8353, 0.6824
CMYK	0.00, 0.74, 0.50, 0.36
HSL	341°, 59%, 40%
HSV	341°, 74%, 64%
XYZ	17.2135, 9.9314, 8.7943
YIQ	82.3260, 59.0010, 37.5690

Conversions

Conversions Part 2

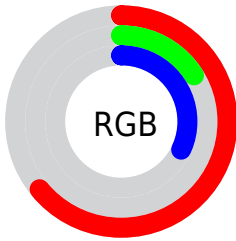
Format	Color
R_{YB}	162, 42, 81
Decimal	10627665
CIE _{Lab}	37.72, 51.34, 6.17
CIE _{LCh}	38, 51.709, 6.849
Y _{xy}	9.9314, 0.4790, 0.2763
Android (android.graphics.Color)	4288817745 (0xFFA22A51)
Y _{UV}	82.3260, -0.6537, 69.8741
Hunter-Lab	31.5141, 42.3497, 5.5145

Details

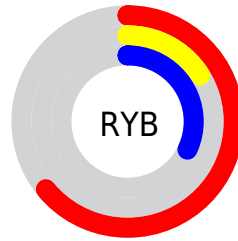
The XYZ color **17.2135, 9.9314, 8.7943** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17.4511, 27.7633, 23.1804**, and the grayscale version is **8.0792, 8.4999, 9.2564**.

A 20% lighter version of the original color is **38.2157, 25.7192, 24.0692**, and **6.1596, 3.1368, 2.0311** is the 20% darker color. If you saturate the color by 10%, you get **16.3730, 8.8547, 6.6513**, and if you desaturate by 10%, it is **18.3528, 11.5001, 11.3630**.

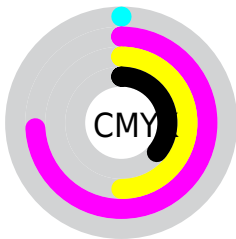
Distribution



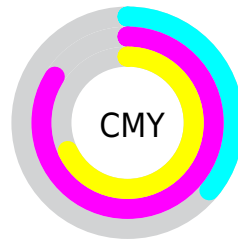
- Red (64%)
- Green (16%)
- Blue (32%)



- Red (64%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (74%)
- Yellow (50%)
- Black (36%)





- Cyan (36%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2135, 9.9314, 8.7943 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 17.2135, 9.9314, 8.7943 by changing the saturation by 10% instead.


 17.2135, 9.9314,
8.7943


 17.2135, 9.9314,
8.7943


229.5321,
190.1818, 191.9971


 10.4831, 5.3535,
4.5123


 38.2332, 25.6664,
24.0729


 5.7851, 2.4561,
1.9104

 53.2531, 37.5923,
35.9065


 2.7543, 0.8545,
0.4993

 71.7670, 52.7363,
51.0944

 1.0252, 0.0000,
0.0000

 94.1401, 71.4828,
70.0551

 0.0000, 0.0000,
0.0000

 120.7378, 94.2162,
93.2072

 151.9255,

121.3209, 120.9692

188.0684,
153.1813, 153.7597

■ 17.2135, 9.9314,
8.7943

■ 17.2135, 9.9314,
8.7943

■ 16.3730, 8.8547,
6.6513

■ 18.3528, 11.5001,
11.3630

■ 15.7973, 8.2071,
4.9068

■ 19.8181, 13.6103,
14.3808

■ 15.5347, 7.9352,
4.0382

■ 21.6343, 16.3072,
17.8695

■ 23.8233, 19.6309,
21.8496

■ 26.4054, 23.6177,
26.3400

■ 29.3993, 28.3014,
31.3586

■ 32.8225, 33.7132,
36.9225

■ 36.6915, 39.8827,
43.0478

■ 41.0219, 46.8376,
49.7501

Harmonies

Analogous

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



16.5300, 9.9314, 19.6115



17.2135, 9.9314, 8.7943



15.4583, 9.9314, 3.1827

Triad

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



17.2135, 9.9314, 8.7943



6.1322, 9.9314, 1.8311



7.1651, 9.9314, 37.4782

Complementary

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



17.2135, 9.9314, 8.7943



17.4511, 27.7633, 23.1804

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.



5.2294, 9.9314, 25.7179



17.2135, 9.9314, 8.7943



4.7370, 9.9314, 5.1416

Square

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



17.2135, 9.9314, 8.7943



8.7052, 9.9314, 0.9573



4.4499, 9.9314, 13.1205



10.2139, 9.9314, 40.6056

Rectangle

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



17.2135, 9.9314, 8.7943



13.3373, 9.9314, 1.6335



4.4499, 9.9314, 13.1205



6.3864, 9.9314, 34.1695

Sweetspot

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



17.2138, 9.9320, 8.7945



48.7819, 44.1909, 49.2552



15.3762, 8.4029, 34.9939



10.6638, 9.4703, 10.5643



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.2138, 9.9320, 8.7945



28.9822, 15.2170, 9.8988



17.0413, 11.2946, 3.4731



7.1642, 7.1221, 7.8513



12.2566, 6.2587, 3.2761



0.2784, 0.1399, 0.1789

Inverse Universe

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



17.2138, 9.9320, 8.7945



28.9822, 15.2170, 9.8988



17.1500, 22.4474, 37.6113



7.1642, 7.1221, 7.8513



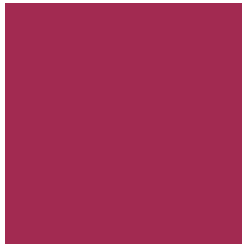
12.2566, 6.2587, 3.2761



0.2784, 0.1399, 0.1789

Previews

White Background



This preview shows how the XYZ color 17.2135, 9.9314, 8.7943 looks on a white background.

Color Contrast Check

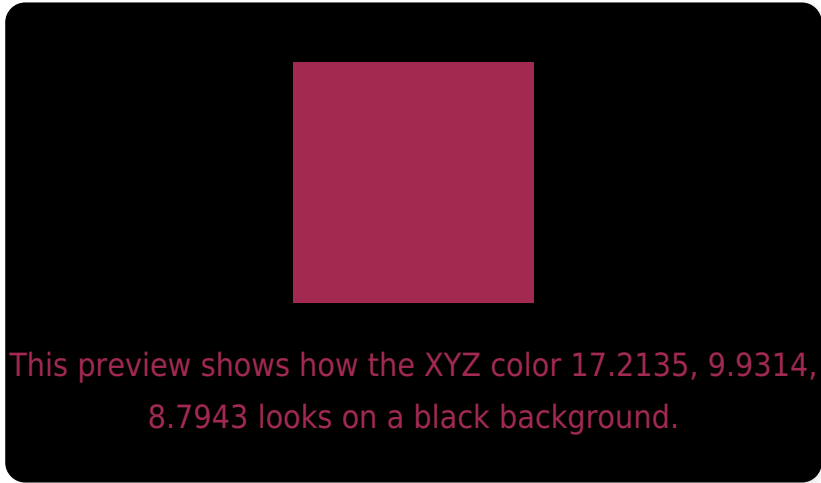
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2135, 9.9314, 8.7943

Background



This preview shows how black text looks on a background with the XYZ color 17.2135, 9.9314, 8.7943.



This preview shows how white text looks on a background with the XYZ color 17.2135, 9.9314,

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

17.2135, 9.9314, 8.7943

Protanopia

10.0640, 10.1847, 15.3453

Deuteranopia

10.3067, 10.1066, 8.0642



Tritanopia

16.1931, 9.9092, 4.1912

Trichromacy



Original Color

17.2135, 9.9314, 8.7943

Protanomaly

11.4614, 9.0940, 12.7065

Deuteranomaly

11.9872, 9.2761, 8.1799

Tritanomaly

16.5444, 9.8789, 5.5922

Monochromacy



Original Color

17.2135, 9.9314, 8.7943

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

10.0857, 8.0030, 8.9958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2135, 9.9314, 8.7943 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(162, 42, 81)` looks like.

```
.text, #text, p{  
    color:rgb(162, 42, 81)  
}
```

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(162, 42, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 42, 81) }
```

Border

The CSS property to change the border of an element to XYZ 17.2135, 9.9314, 8.7943 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(162, 42, 81) }
```


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

```
.border{ border-color:rgb(162, 42, 81) }
```

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

Here you see how a box with a 4 pixel rgb(162, 42, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 42, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 42, 81);  
box-shadow:4px 4px 4px 4px rgb(162, 42,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2135, 9.9314, 8.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 42, 81) }
```

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

```
.background{ background-color: rgb(162, 42,  
81) }
```

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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