

Converting Colors

XYZ(17.9638, 9.1087, 19.9991)

Have a look what the booklet for
XYZ(17.9638, 9.1087, 19.9991)
contains.

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Color

**XYZ(17.9239, 9.0949,
19.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	9E107C
RGB	158, 16, 124
RGB Percent	62%, 6%, 49%
CMY	0.3804, 0.9372, 0.5137
CMYK	0.00, 0.90, 0.22, 0.38
HSL	314°, 82%, 34%
HSV	314°, 90%, 62%
XYZ	17.9239, 9.0949, 19.8796
YIQ	70.7700, 49.9640, 63.6920

Conversions

Conversions Part 2

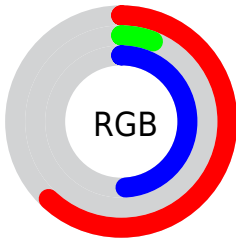
Format	Color
RYB	158, 16, 124
Decimal	10358908
CIELab	36.17, 61.87, -23.52
CIElCh	36, 66.191, 339.187
Yxy	9.0949, 0.3822, 0.1939
Android (android.graphics.Color)	4288548988 (0xFF9E107C)
YUV	70.7700, 26.2424, 76.5007
Hunter-Lab	30.1578, 53.3133, -17.9728

Details

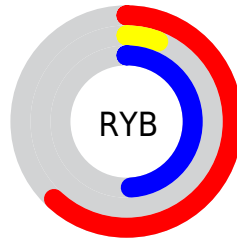
The XYZ color **17.9239, 9.0949, 19.8796** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.0169, 24.7945, 7.1190**, and the grayscale version is **5.9030, 6.2104, 6.7632**.

A 20% lighter version of the original color is **39.4250, 24.1139, 44.1715**, and **6.7495, 3.3328, 6.9442** is the 20% darker color. If you saturate the color by 10%, you get **17.5063, 8.6351, 18.5824**, and if you desaturate by 10%, it is **18.4942, 9.8450, 21.2731**.

Distribution



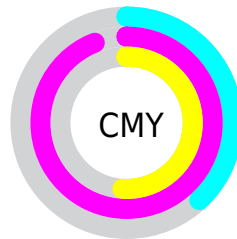
- Red (62%)
- Green (6%)
- Blue (49%)



- Red (62%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (90%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9239, 9.0949, 19.8796 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 17.9239, 9.0949, 19.8796 by changing the saturation by 10% instead.

■ 17.9239, 9.0949,
19.8796

■ 17.9239, 9.0949,
19.8796

233.4956,
184.0843, 263.8452

■ 10.9947, 4.8031,
12.1243

■ 39.4387, 24.0786,
44.0715

■ 6.1306, 2.1322,
6.7049

■ 54.7551, 35.5393,
61.3453

■ 2.9660, 0.6827,
3.2026

■ 73.5978, 50.1584,
82.6290

■ 1.1358, 0.0000,
1.1990

■ 96.3324, 68.3203,
108.3412

■ 0.0548, 0.0000,
0.0000

■ 123.3241, 90.4095,
138.9003

■ 0.0000, 0.0000,
0.0000

■ 154.9383,

116.8103, 174.7250

191.5404,
147.9071, 216.2338

■ 17.9239, 9.0949,
19.8796

■ 17.9239, 9.0949,
19.8796

■ 17.5063, 8.6351,
18.5824

■ 18.4942, 9.8450,
21.2731

■ 17.5008, 8.6292,
18.5652

■ 19.2771, 11.0057,
22.7832

■ 20.2991, 12.6294,
24.4192

■ 21.5821, 14.7601,
26.1890

■ 23.1458, 17.4368,
28.0996

■ 25.0079, 20.6948,
30.1574

■ 27.1844, 24.5662,
32.3682

■ 29.6905, 29.0808,
34.7373

■ 32.5401, 34.2665,
37.2701

Harmonies

Analogous

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



14.4208, 9.0949, 38.3527



17.9239, 9.0949, 19.8796



18.5826, 9.0949, 6.8062

Triad

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



17.9239, 9.0949, 19.8796



7.4820, 9.0949, 0.0000



3.9748, 9.0949, 31.1365

Complementary

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



17.9239, 9.0949, 19.8796



13.0169, 24.7945, 7.1190

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.



3.0862, 9.0949, 13.8197



17.9239, 9.0949, 19.8796



4.6624, 9.0949, 0.7727

Square

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



17.9239, 9.0949, 19.8796



11.6505, 9.0949, 0.0339



3.2920, 9.0949, 3.9887



6.2058, 9.0949, 47.6214

Rectangle

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



17.9239, 9.0949, 19.8796



17.1687, 9.0949, 2.6096



3.2920, 9.0949, 3.9887



3.5458, 9.0949, 24.8488

Sweetspot

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



17.9242, 9.0954, 19.8798



46.2855, 39.1226, 55.6785



7.6307, 3.4962, 32.6205



10.1684, 8.3490, 12.2724



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.9242, 9.0954, 19.8798



31.7000, 15.6381, 33.2861



14.9491, 7.9053, 4.2129



6.8362, 6.7274, 7.9885



14.0322, 6.9174, 14.9524



0.2661, 0.1298, 0.3473

Inverse Universe

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



17.9242, 9.0954, 19.8798



31.7000, 15.6381, 33.2861



15.8393, 25.9235, 21.9819



6.8362, 6.7274, 7.9885



14.0322, 6.9174, 14.9524



0.2661, 0.1298, 0.3473

Previews

White Background



This preview shows how the XYZ color 17.9239, 9.0949, 19.8796 looks on a white background.

Color Contrast Check

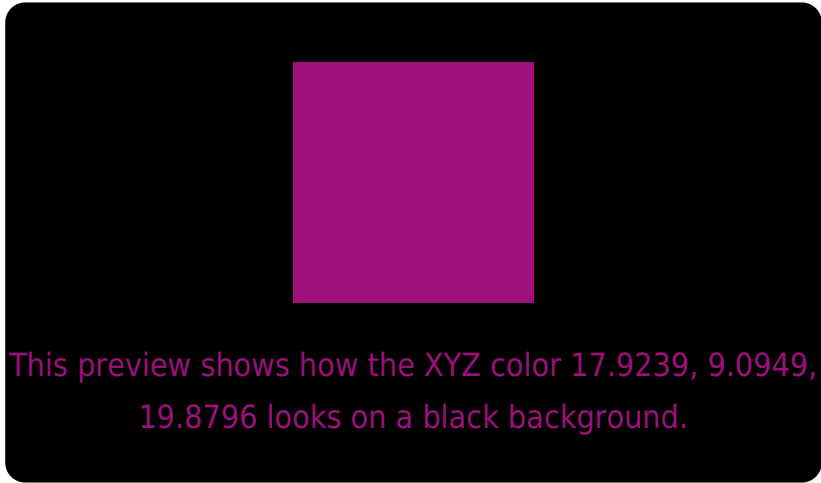
Large Text (above 18pt) WCAG AA ✓ Pass

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

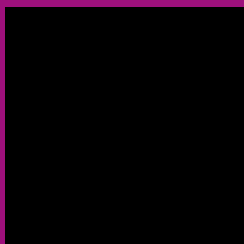
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.9239, 9.0949, 19.8796

Background



This preview shows how black text looks on a background with the XYZ color 17.9239, 9.0949, 19.8796.



This preview shows how white text looks on a background with the XYZ color 17.9239, 9.0949,

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

17.9239, 9.0949, 19.8796

Protanopia

11.2623, 9.6297, 41.3095

Deuteranopia

9.7046, 9.5788, 17.8604



Tritanopia

14.7321, 9.2136, 4.3701

Trichromacy



Original Color

17.9239, 9.0949, 19.8796

Protanomaly

10.4664, 7.0241, 32.2566

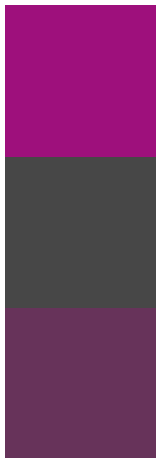
Deuteranomaly

11.1829, 7.8575, 18.3800

Tritanomaly

15.4308, 8.8208, 8.2864

Monochromacy



Original Color

17.9239, 9.0949, 19.8796

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

8.6228, 5.9894, 10.3745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9239, 9.0949, 19.8796 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(158, 16, 124)` looks like.

```
.text, #text, p{  
    color:rgb(158, 16, 124)  
}
```

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(158, 16, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 16, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.9239, 9.0949, 19.8796 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(158, 16, 124) }
```


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

```
.border{ border-color:rgb(158, 16, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 16, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 16, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 16, 124);  
box-shadow:4px 4px 4px 4px rgb(158, 16,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9239, 9.0949, 19.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 16, 124) }
```

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

```
.background{ background-color: rgb(158, 16,  
124) }
```

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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