

Converting Colors

XYZ(17.1131, 8.3078, 24.0388)

Have a look what the booklet for
XYZ(17.1131, 8.3078, 24.0388)
contains.

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Color

**XYZ(17.0216, 8.2616,
23.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	960088
RGB	150, 0, 136
RGB Percent	59%, 0%, 53%
CMY	0.4118, 0.9999, 0.4667
CMYK	0.00, 1.00, 0.09, 0.41
HSL	306°, 100%, 29%
HSV	306°, 100%, 59%
XYZ	17.0216, 8.2616, 23.9901
YIQ	60.3540, 45.7440, 74.0960

Conversions

Conversions Part 2

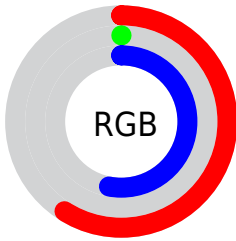
Format	Color
R_{YB}	150, 0, 136
Decimal	9830536
CIE _{Lab}	34.52, 64.07, -33.69
CIE _{LCh}	35, 72.384, 332.262
Yxy	8.2616, 0.3455, 0.1677
Android (android.graphics.Color)	4288020616 (0xFF960088)
YUV	60.3540, 37.2935, 78.6195
Hunter-Lab	28.7430, 55.4074, -29.3658

Details

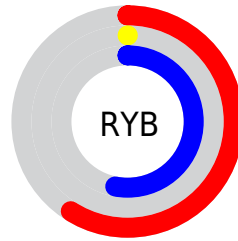
The XYZ color **17.0216, 8.2616, 23.9901** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.9860, 21.8447, 4.0535**, and the grayscale version is **4.2907, 4.5141, 4.9159**.

A 20% lighter version of the original color is **38.0311, 22.5764, 51.0684**, and **6.2958, 3.0516, 9.0613** is the 20% darker color. If you saturate the color by 10%, you get **17.0216, 8.2616, 23.9897**, and if you desaturate by 10%, it is **17.2930, 8.6438, 24.5748**.

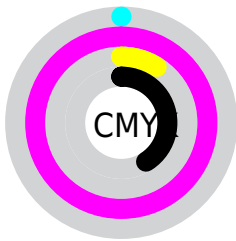
Distribution



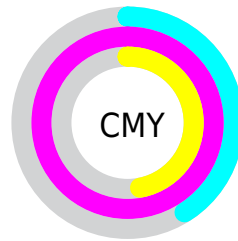
- Red (59%)
- Green (0%)
- Blue (53%)



- Red (59%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0216, 8.2616, 23.9901 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 17.0216, 8.2616, 23.9901 by changing the saturation by 10% instead.


 17.0216, 8.2616,
23.9901


 17.0216, 8.2616,
23.9901


228.4506,
177.7697, 286.0554


 10.3453, 4.2628,
15.1141


 37.9062, 22.4697,
50.9577

 5.6925, 1.8216,
8.7520


 52.8452, 33.4478,
69.8864

 2.6979, 0.5006,
4.4852

 71.2692, 47.5211,
93.0031

 0.9961, 0.0000,
1.8951

 93.5435, 65.0740,
120.7263

 0.0000, 0.0000,
0.4896

 120.0334, 86.4909,
153.4746

 0.0000, 0.0000,
0.0000

 151.1043,

112.1563, 191.6665

187.1216,
142.4544, 235.7206

17.0216, 8.2616,
23.9901

17.0216, 8.2616,
23.9901

17.0216, 8.2616,
23.9897

17.2930, 8.6438,
24.5748

17.6881, 9.2717,
25.2072

18.2652, 10.2614,
25.9066

19.0470, 11.6585,
26.6808

20.0530, 13.5016,
27.5362

■ 21.3001, 15.8250,
28.4786

■ 22.8039, 18.6596,
29.5130

■ 24.5785, 22.0338,
30.6443

■ 26.6371, 25.9737,
31.8769

Harmonies

Analogous

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



12.8175, 8.2616, 44.4049



17.0216, 8.2616, 23.9901



18.5628, 8.2616, 8.1392

Triad

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



17.0216, 8.2616, 23.9901



7.5474, 8.2616, 0.0000



2.9178, 8.2616, 27.0604

Complementary

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



17.0216, 8.2616, 23.9901



10.9860, 21.8447, 4.0535

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.



2.3392, 8.2616, 9.9098



17.0216, 8.2616, 23.9901



4.3705, 8.2616, 0.0000

Square

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



17.0216, 8.2616, 23.9901



12.0897, 8.2616, 0.0000



2.7610, 8.2616, 2.0745



4.7427, 8.2616, 47.0204

Rectangle

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



17.0216, 8.2616, 23.9901



17.5567, 8.2616, 2.8938



2.7610, 8.2616, 2.0745



2.6064, 8.2616, 20.4461

Sweetspot

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



17.0219, 8.2620, 23.9903



40.0706, 32.6025, 51.9690



5.6641, 2.2843, 28.9968



8.6470, 6.7847, 11.3599



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0219, 8.2620, 23.9903



30.0046, 14.5660, 42.1541



13.4615, 6.8378, 5.2414



6.0122, 5.9000, 7.1705



14.1235, 6.8545, 19.9293



0.1783, 0.0861, 0.2728

Inverse Universe

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



17.0219, 8.2620, 23.9903



30.0046, 14.5660, 42.1541



12.6477, 22.5094, 12.8039



6.0122, 5.9000, 7.1705



14.1235, 6.8545, 19.9293



0.1783, 0.0861, 0.2728

Previews

White Background



This preview shows how the XYZ color 17.0216, 8.2616, 23.9901 looks on a white background.

Color Contrast Check

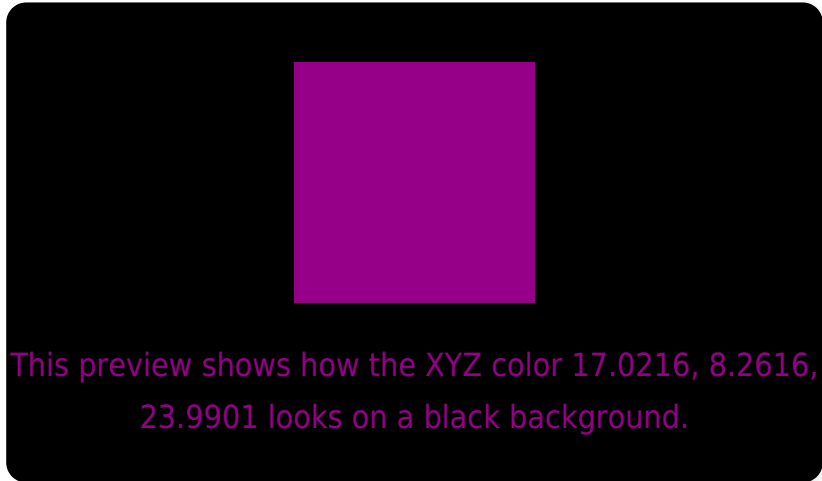
Large Text (above 18pt) WCAG AA ✓ Pass

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

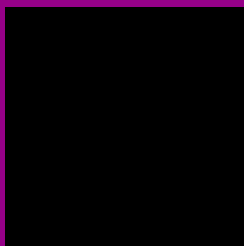
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0216, 8.2616, 23.9901

Background



This preview shows how black text looks on a background with the XYZ color 17.0216, 8.2616, 23.9901.



This preview shows how white text looks on a background with the XYZ color 17.0216, 8.2616,

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

17.0216, 8.2616, 23.9901

Protanopia

10.3888, 8.8634, 40.1930

Deuteranopia

9.1165, 8.9559, 21.6702



Tritanopia

13.1670, 8.5924, 4.8354

Trichromacy



Original Color

17.0216, 8.2616, 23.9901

Protanomaly

9.0615, 5.7714, 33.4373

Deuteranomaly

10.0892, 6.6178, 22.2183

Tritanomaly

13.9288, 7.8357, 9.5824

Monochromacy



Original Color

17.0216, 8.2616, 23.9901

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.9688, 4.4180, 9.7180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0216, 8.2616, 23.9901 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(150, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 136)  
}
```

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(150, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 136) }
```

Border

The CSS property to change the border of an element to XYZ 17.0216, 8.2616, 23.9901 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(150, 0, 136) }
```


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

```
.border{ border-color:rgb(150, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0216, 8.2616, 23.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 136) }
```

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

```
.background{ background-color: rgb(150, 0,  
136) }
```

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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