

Converting Colors

XYZ(17.2835, 8.0553, 39.4197)

Have a look what the booklet for
XYZ(17.2835, 8.0553, 39.4197)
contains.

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Color

**XYZ(17.1822, 8.0086,
39.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	8600AB
RGB	134, 0, 171
RGB Percent	53%, 0%, 67%
CMY	0.4745, 1.0000, 0.3294
CMYK	0.22, 1.00, 0.00, 0.33
HSL	287°, 100%, 34%
HSV	287°, 100%, 67%
XYZ	17.1822, 8.0086, 39.1683
YIQ	59.5600, 24.9730, 81.5890

Conversions

Conversions Part 2

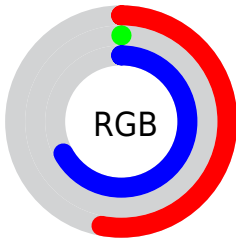
Format	Color
RYB	134, 0, 171
Decimal	8781995
CIELab	34.00, 67.20, -56.03
CIElCh	34, 87.491, 320.176
Yxy	8.0086, 0.2670, 0.1244
Android (android.graphics.Color)	4286972075 (0xFF8600AB)
YUV	59.5600, 54.9399, 65.2839
Hunter-Lab	28.2995, 58.8533, -62.2516

Details

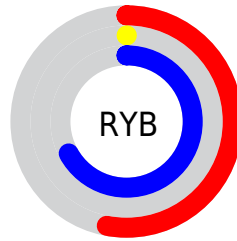
The XYZ color **17.1822, 8.0086, 39.1683** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **15.3261, 29.5193, 4.8902**, and the grayscale version is **4.1590, 4.3755, 4.7650**.

A 20% lighter version of the original color is **38.2572, 22.0603, 74.9147**, and **6.4119, 2.9277, 17.3667** is the 20% darker color. If you saturate the color by 10%, you get **17.1823, 8.0087, 39.1685**, and if you desaturate by 10%, it is **17.9848, 8.7224, 39.2639**.

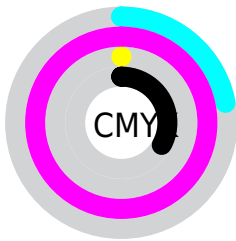
Distribution



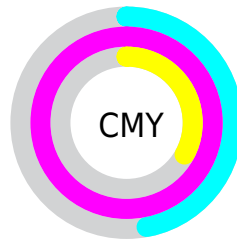
- Red (53%)
- Green (0%)
- Blue (67%)



- Red (53%)
- Yellow (0%)
- Blue (67%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (33%)




- Cyan (47%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1822, 8.0086, 39.1683 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 17.1822, 8.0086, 39.1683 by changing the saturation by 10% instead.


 17.1822, 8.0086,
39.1683


 17.1822, 8.0086,
39.1683


229.3560,
175.7994, 358.0528

 10.4606, 4.1005,
26.5818


 38.1799, 21.9753,
75.1185


 5.7700, 1.7299,
17.0298


 53.1867, 32.8026,
99.3194


 2.7451, 0.4429,
10.0935


 71.6859, 46.7052,
128.2288

 1.0204, 0.0000,
5.3546

 94.0429, 64.0673,
162.2652

 0.0000, 0.0000,
2.3944

 120.6231, 85.2734,
201.8473

 0.0000, 0.0000,
0.7834

 151.7917,

 0.0000, 0.0000,

110.7078, 247.3936

0.0000

187.9143,
140.7551, 299.3226

17.1822, 8.0086,
39.1683

17.1822, 8.0086,
39.1683

17.1823, 8.0087,
39.1685

17.9848, 8.7224,
39.2639

18.9816, 9.7942,
39.4183

20.2430, 11.3638,
39.6547

21.8008, 13.4948,
39.9840

23.6822, 16.2412,
40.4149

■ 25.9113, 19.6507,
40.9555

■ 28.5095, 23.7661,
41.6129

■ 31.4966, 28.6268,
42.3937

■ 34.8910, 34.2690,
43.3038

Harmonies

Analogous

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



11.2780, 8.0086, 64.9173



17.1822, 8.0086, 39.1683



20.8872, 8.0086, 14.0793

Triad

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



17.1822, 8.0086, 39.1683



9.3056, 8.0086, 0.0000



1.8050, 8.0086, 21.4567

Complementary

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



17.1822, 8.0086, 39.1683



15.3261, 29.5193, 4.8902

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.



1.6442, 8.0086, 4.9294



17.1822, 8.0086, 39.1683



4.8413, 8.0086, 0.0000

Square

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



17.1822, 8.0086, 39.1683



15.2261, 8.0086, 0.0000



2.4813, 8.0086, 0.1811



3.0848, 8.0086, 49.1332

Rectangle

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



17.1822, 8.0086, 39.1683



20.8678, 8.0086, 4.8201



2.4813, 8.0086, 0.1811



1.6477, 8.0086, 14.3021

Sweetspot

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



17.1826, 8.0089, 39.1685



50.7931, 42.1371, 74.4581



8.0141, 4.2669, 38.9294



10.8872, 8.6951, 16.4922



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.1826, 8.0089, 39.1685



30.5864, 14.2471, 70.1398



20.3419, 10.0770, 19.4651



8.1649, 8.0593, 10.0780



12.9985, 6.0609, 29.5293



0.4033, 0.1901, 0.8234

Inverse Universe

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



17.1287, 8.7917, 2.5448



30.6118, 15.7193, 4.2172



15.1060, 29.3431, 7.7134



8.0735, 8.0427, 8.6981



12.9289, 6.6341, 2.0053



0.3794, 0.1925, 0.1597

Previews

White Background



This preview shows how the XYZ color 17.1822, 8.0086, 39.1683 looks on a white background.

Color Contrast Check

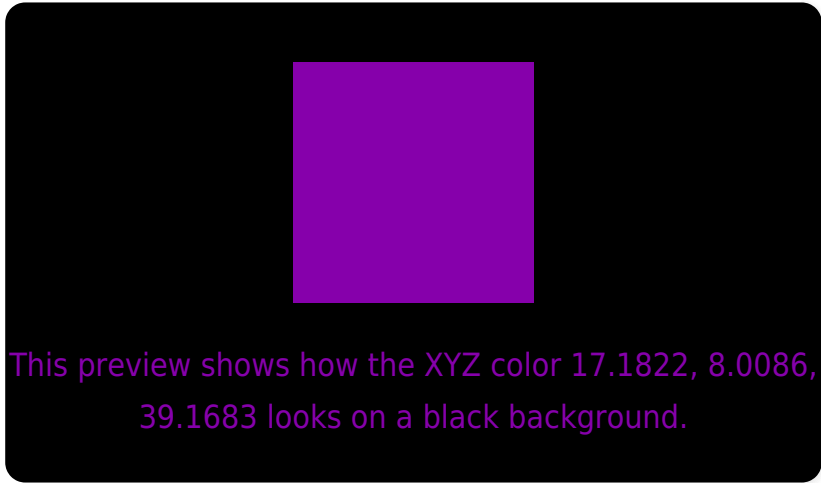
Large Text (above 18pt) WCAG AA ✓ Pass

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

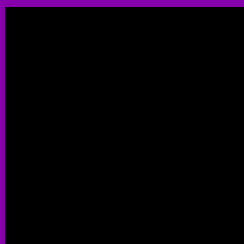
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1822, 8.0086, 39.1683

Background



This preview shows how black text looks on a background with the XYZ color 17.1822, 8.0086, 39.1683.



This preview shows how white text looks on a background with the XYZ color 17.1822, 8.0086,

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

17.1822, 8.0086, 39.1683

Protanopia

9.9365, 8.5645, 38.1752

Deuteranopia

8.5150, 8.6036, 28.8156



Tritanopia

10.7846, 8.4041, 7.1846

Trichromacy



Original Color

17.1822, 8.0086, 39.1683

Protanomaly

9.6119, 5.8852, 38.1655

Deuteranomaly

8.5865, 5.6916, 32.0985

Tritanomaly

11.8828, 7.0955, 14.9306

Monochromacy



Original Color

17.1822, 8.0086, 39.1683

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.9238, 4.3326, 12.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1822, 8.0086, 39.1683 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(134, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 171)  
}
```

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(134, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 171) }
```

Border

The CSS property to change the border of an element to XYZ 17.1822, 8.0086, 39.1683 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(134, 0, 171) }
```


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

```
.border{ border-color:rgb(134, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1822, 8.0086, 39.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 171) }
```

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

```
.background{ background-color: rgb(134, 0,  
171) }
```

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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