

Converting Colors

XYZ(17.6962, 8.2514, 40.1951)

Have a look what the booklet for
XYZ(17.6962, 8.2514, 40.1951)
contains.

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Color

**XYZ(17.6962, 8.2514,
40.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	8800AD
RGB	136, 0, 173
RGB Percent	53%, 0%, 68%
CMY	0.4667, 1.0000, 0.3216
CMYK	0.21, 1.00, 0.00, 0.32
HSL	287°, 100%, 34%
HSV	287°, 100%, 68%
XYZ	17.6962, 8.2514, 40.1951
YIQ	60.3860, 25.5230, 82.6350

Conversions

Conversions Part 2

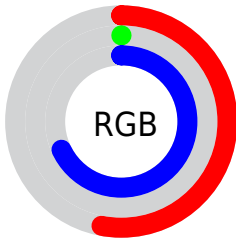
Format	Color
R_{YB}	136, 0, 173
Decimal	8913069
CIE _{Lab}	34.50, 67.83, -56.40
CIE _{LCh}	35, 88.216, 320.256
Yxy	8.2514, 0.2675, 0.1248
Android (android.graphics.Color)	4287103149 (0xFF8800AD)
YUV	60.3860, 55.5187, 66.3135
Hunter-Lab	28.7253, 59.6958, -62.8565

Details

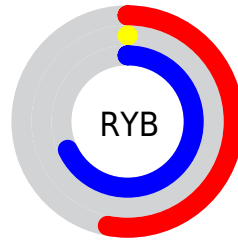
The XYZ color **17.6962, 8.2514, 40.1951** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **15.7068, 30.2806, 5.0171**, and the grayscale version is **4.2720, 4.4945, 4.8945**.

A 20% lighter version of the original color is **39.0449, 22.4342, 76.4011**, and **6.6380, 3.0374, 17.6892** is the 20% darker color. If you saturate the color by 10%, you get **17.6963, 8.2514, 40.1952**, and if you desaturate by 10%, it is **18.5132, 8.9772, 40.2923**.

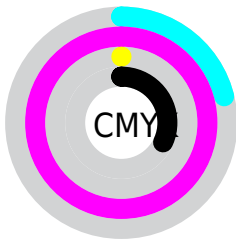
Distribution



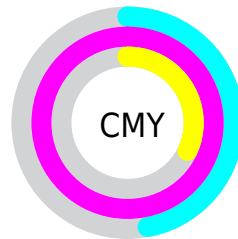
- Red (53%)
- Green (0%)
- Blue (68%)



- Red (53%)
- Yellow (0%)
- Blue (68%)



- Cyan (21%)
- Magenta (100%)
- Yellow (0%)
- Black (32%)




- Cyan (47%)
- Magenta (100%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6962, 8.2514, 40.1951 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 17.6962, 8.2514, 40.1951 by changing the saturation by 10% instead.


 17.6962, 8.2514,
40.1951


 17.6962, 8.2514,
40.1951

232.2319,
177.6908, 362.5217


 10.8305, 4.2562,
27.3757


 39.0531, 22.4498,
76.7008


 6.0194, 1.8179,
17.6207


 54.2750, 33.4219,
101.2243


 2.8977, 0.4983,
10.5114


 73.0130, 47.4884,
130.4863

 1.0999, 0.0000,
5.6293

 95.6325, 65.0336,
164.9052

 0.0250, 0.0000,
2.5559

 122.4987, 86.4421,
204.8997

 0.0000, 0.0000,
0.8696

 153.9772,

 0.0000, 0.0000,

112.0982, 250.8882

0.0000

190.4331,
142.3863, 303.2894

17.6962, 8.2514,
40.1951

17.6962, 8.2514,
40.1951

17.6963, 8.2514,
40.1952

18.5132, 8.9772,
40.2923

19.5298, 10.0718,
40.4500

20.8176, 11.6773,
40.6920

22.4095, 13.8593,
41.0293

24.3335, 16.6734,
41.4710

■ 26.6141, 20.1687,
42.0255

■ 29.2737, 24.3891,
42.6999

■ 32.3325, 29.3753,
43.5012

■ 35.8093, 35.1645,
44.4353

Harmonies

Analogous

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



11.6288, 8.2514, 66.6685



17.6962, 8.2514, 40.1951



21.4934, 8.2514, 14.4437

Triad

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



17.6962, 8.2514, 40.1951



9.5697, 8.2514, 0.0000



1.8674, 8.2514, 22.1429

Complementary

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



17.6962, 8.2514, 40.1951



15.7068, 30.2806, 5.0171

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.



1.6990, 8.2514, 5.1099



17.6962, 8.2514, 40.1951



4.9830, 8.2514, 0.0000

Square

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



17.6962, 8.2514, 40.1951



15.6550, 8.2514, 0.0000



2.5584, 8.2514, 0.2156



3.1896, 8.2514, 50.5864

Rectangle

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



17.6962, 8.2514, 40.1951



21.4644, 8.2514, 4.9466



2.5584, 8.2514, 0.2156



1.7043, 8.2514, 14.7763

Sweetspot

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



17.6966, 8.2517, 40.1953



52.1584, 43.2465, 76.4041



8.2198, 4.3710, 39.9457



10.8989, 8.7011, 16.4927



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.



17.6966, 8.2517, 40.1953



31.5056, 14.6812, 71.9790



20.8709, 10.3393, 19.9597



8.1669, 8.0604, 10.0781



13.0497, 6.0872, 29.5317



0.4044, 0.1907, 0.8235

Inverse Universe

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



17.5677, 9.0180, 2.5654



31.3979, 16.1246, 4.2530



15.4985, 30.1092, 7.9030



8.0727, 8.0423, 8.6939



12.9238, 6.6321, 1.9781



0.3791, 0.1923, 0.1581

Previews

White Background



This preview shows how the XYZ color 17.6962, 8.2514, 40.1951 looks on a white background.

Color Contrast Check

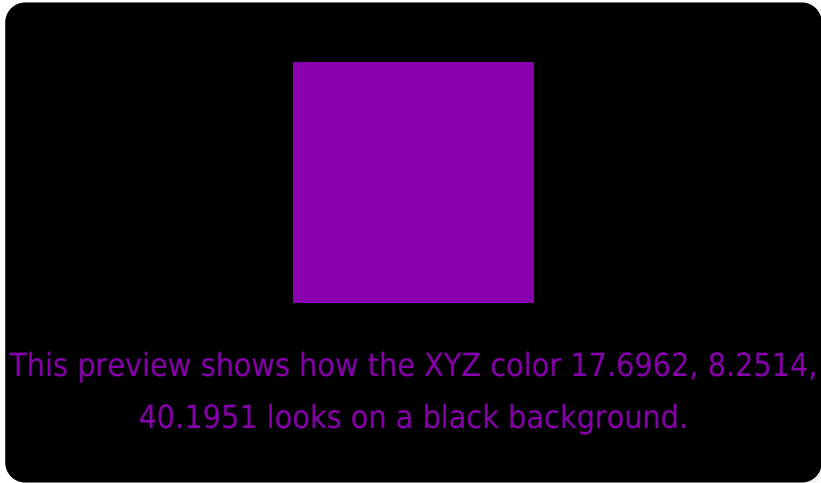
Large Text (above 18pt) WCAG AA ✓ Pass

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

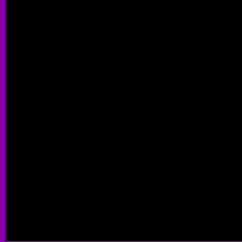
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6962, 8.2514, 40.1951

Background



This preview shows how black text looks on a background with the XYZ color 17.6962, 8.2514, 40.1951.



This preview shows how white text looks on a background with the XYZ color 17.6962, 8.2514,

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

17.6962, 8.2514, 40.1951

Protanopia

10.2931, 8.8251, 39.6890

Deuteranopia

8.7526, 8.8255, 29.6760



Tritanopia

11.1549, 8.6802, 7.3909

Trichromacy



Original Color

17.6962, 8.2514, 40.1951

Protanomaly

9.9410, 6.0875, 39.6808

Deuteranomaly

8.8044, 5.8540, 33.0136

Tritanomaly

12.2284, 7.2675, 15.2263

Monochromacy



Original Color

17.6962, 8.2514, 40.1951

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

7.0666, 4.4005, 12.7889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6962, 8.2514, 40.1951 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(136, 0, 173)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 173)  
}
```

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(136, 0, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 173) }
```

Border

The CSS property to change the border of an element to XYZ 17.6962, 8.2514, 40.1951 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(136, 0, 173) }
```


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

```
.border{ border-color:rgb(136, 0, 173) }
```

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

Here you see how a box with a 4 pixel rgb(136, 0, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 173);  
box-shadow:4px 4px 4px 4px rgb(136, 0,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6962, 8.2514, 40.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 173) }
```

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

```
.background{ background-color: rgb(136, 0,  
173) }
```

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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