

Converting Colors

XYZ(17.6056, 8.9357, 40.2951)

Have a look what the booklet for
XYZ(17.6056, 8.9357, 40.2951)
contains.

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Color

**XYZ(17.5485, 8.9026,
40.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	841FAD
RGB	132, 31, 173
RGB Percent	52%, 12%, 68%
CMY	0.4823, 0.8784, 0.3216
CMYK	0.24, 0.82, 0.00, 0.32
HSL	283°, 70%, 40%
HSV	283°, 82%, 68%
XYZ	17.5485, 8.9026, 40.3286
YIQ	77.3870, 14.6140, 65.5740

Conversions

Conversions Part 2

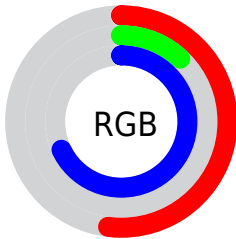
Format	Color
R_{YB}	132, 31, 173
Decimal	8658861
CIE _{Lab}	35.80, 61.45, -54.33
CIE _{LCh}	36, 82.023, 318.521
Yxy	8.9026, 0.2628, 0.1333
Android (android.graphics.Color)	4286848941 (0xFF841FAD)
YUV	77.3870, 47.1372, 47.8956
Hunter-Lab	29.8372, 52.7681, -59.2515

Details

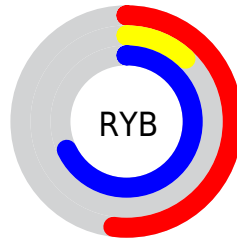
The XYZ color **17.5485, 8.9026, 40.3286** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **17.8635, 31.3639, 6.4088**, and the grayscale version is **7.0395, 7.4061, 8.0653**.

A 20% lighter version of the original color is **38.7015, 23.6207, 76.6482**, and **6.3707, 2.8926, 17.9918** is the 20% darker color. If you saturate the color by 10%, you get **16.4494, 7.8358, 40.1808**, and if you desaturate by 10%, it is **18.9282, 10.4740, 40.5594**.

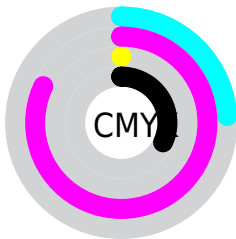
Distribution



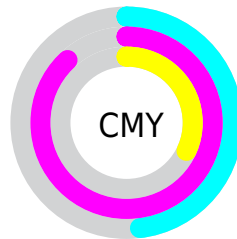
- Red (52%)
- Green (12%)
- Blue (68%)



- Red (52%)
- Yellow (12%)
- Blue (68%)



- Cyan (24%)
- Magenta (82%)
- Yellow (0%)
- Black (32%)




- Cyan (48%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5485, 8.9026, 40.3286 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 17.5485, 8.9026, 40.3286 by changing the saturation by 10% instead.


 17.5485, 8.9026,
40.3286


 17.5485, 8.9026,
40.3286


231.4088,
182.6496, 363.0998

 10.7240, 4.6777,
27.4791


 38.8026, 23.7098,
76.9062


 5.9475, 2.0594,
17.6978


 53.9630, 35.0609,
101.4714


 2.8535, 0.6417,
10.5660


 72.6327, 49.5563,
130.7789

 1.0768, 0.0000,
5.6654

 95.1771, 67.5802,
165.2472

 0.0056, 0.0000,
2.5772

 121.9615, 89.5171,
205.2949

 0.0000, 0.0000,
0.8807

 153.3514,

 0.0000, 0.0000,

115.7513, 251.3406

0.0000

189.7121,
146.6674, 303.8027

■ 17.5485, 8.9026,
40.3286

■ 17.5485, 8.9026,
40.3286

■ 16.4494, 7.8358,
40.1808

■ 18.9282, 10.4740,
40.5594

■ 15.7185, 7.2318,
40.1027

■ 20.6219, 12.6174,
40.8838

■ 22.6589, 15.3906,
41.3117

■ 25.0650, 18.8440,
41.8515

■ 27.8630, 23.0229,
42.5106

■ 31.0739, 27.9685,
43.2960

■ 34.7171, 33.7188,
44.2139

■ 38.8107, 40.3095,
45.2703

■ 43.3717, 47.7738,
46.4706

Harmonies

Analogous

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



11.7834, 8.9026, 63.4790



17.5485, 8.9026, 40.3286



21.2868, 8.9026, 16.0394

Triad

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



17.5485, 8.9026, 40.3286



10.4566, 8.9026, 0.0000



2.3414, 8.9026, 20.8940

Complementary

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



17.5485, 8.9026, 40.3286



17.8635, 31.3639, 6.4088

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.



2.2177, 8.9026, 5.2905



17.5485, 8.9026, 40.3286



5.8314, 8.9026, 0.0000

Square

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



17.5485, 8.9026, 40.3286



16.2638, 8.9026, 0.0186



3.2212, 8.9026, 0.5167



3.6657, 8.9026, 46.6325

Rectangle

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



17.5485, 8.9026, 40.3286



21.4418, 8.9026, 6.2499



3.2212, 8.9026, 0.5167



2.1837, 8.9026, 14.2142

Sweetspot

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



17.5489, 8.9029, 40.3288



53.6364, 46.9590, 77.0428



10.5303, 8.1530, 40.5540



11.2329, 9.5531, 16.6396



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.



17.5489, 8.9029, 40.3288



28.2366, 13.0683, 71.8400



22.8038, 11.8964, 27.7213



8.1084, 8.0302, 10.0753



11.6061, 5.3430, 29.4641



0.3734, 0.1747, 0.8220

Inverse Universe

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



18.8934, 10.3323, 7.1296



31.9562, 16.4258, 6.9522



16.3087, 30.4985, 9.2198



8.0968, 8.0520, 8.8206



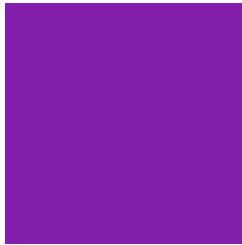
13.1048, 6.7045, 2.9313



0.3885, 0.1961, 0.2077

Previews

White Background



This preview shows how the XYZ color 17.5485, 8.9026, 40.3286 looks on a white background.

Color Contrast Check

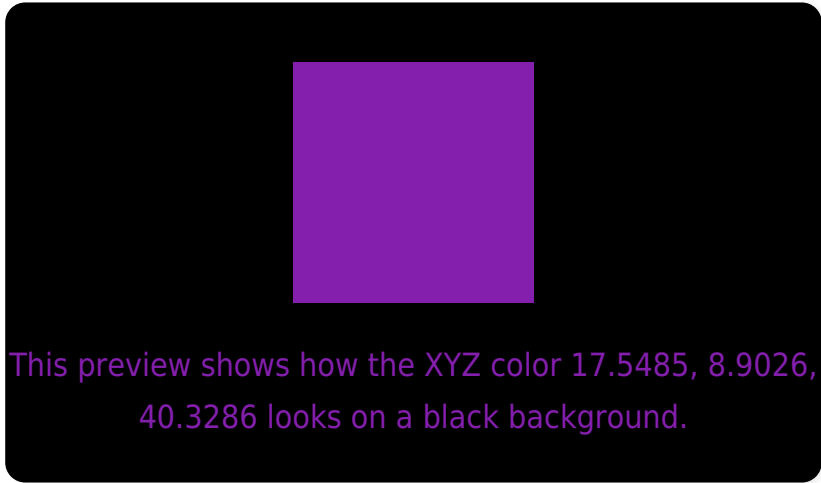
Large Text (above 18pt) WCAG AA ✓ Pass

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

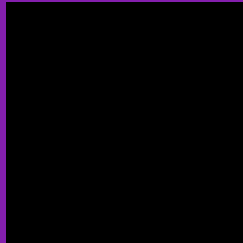
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5485, 8.9026, 40.3286

Background



This preview shows how black text looks on a background with the XYZ color 17.5485, 8.9026, 40.3286.



This preview shows how white text looks on a background with the XYZ color 17.5485, 8.9026,

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

17.5485, 8.9026, 40.3286

Protanopia

10.6573, 9.0906, 41.2374

Deuteranopia

9.0757, 9.0834, 30.9807



Tritanopia

11.0286, 8.9667, 8.3572

Trichromacy



Original Color

17.5485, 8.9026, 40.3286



Protanomaly

10.6364, 7.2394, 40.8811



Deuteranomaly

9.5712, 7.1808, 34.1393



Tritanomaly

12.4698, 8.2561, 16.5591

Monochromacy



Original Color

17.5485, 8.9026, 40.3286



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

9.4703, 6.9430, 16.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5485, 8.9026, 40.3286 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(132, 31, 173)` looks like.

```
.text, #text, p{  
    color:rgb(132, 31, 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(132, 31, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 31, 173) }
```

Border

The CSS property to change the border of an element to XYZ 17.5485, 8.9026, 40.3286 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(132, 31, 173) }
```


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

```
.border{ border-color:rgb(132, 31, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 31, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 31, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 31, 173);  
box-shadow:4px 4px 4px 4px rgb(132, 31,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5485, 8.9026, 40.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 31, 173) }
```

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

```
.background{ background-color: rgb(132, 31,  
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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