

Converting Colors

XYZ(17.8918, 8.5097, 36.4094)

Have a look what the booklet for
XYZ(17.8918, 8.5097, 36.4094)
contains.

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Color

**XYZ(17.8303, 8.4879,
36.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	8D05A5
RGB	141, 5, 165
RGB Percent	55%, 2%, 65%
CMY	0.4471, 0.9803, 0.3529
CMYK	0.15, 0.97, 0.00, 0.35
HSL	291°, 94%, 33%
HSV	291°, 97%, 65%
XYZ	17.8303, 8.4879, 36.2959
YIQ	63.9040, 29.6960, 78.5920

Conversions

Conversions Part 2

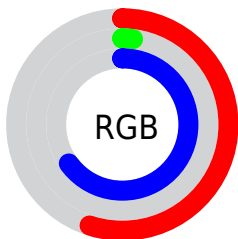
Format	Color
RYB	141, 5, 165
Decimal	9242021
CIELab	34.98, 66.49, -50.78
CIElCh	35, 83.662, 322.630
Yxy	8.4879, 0.2848, 0.1356
Android (android.graphics.Color)	4287432101 (0xFF8D05A5)
YUV	63.9040, 49.8403, 67.6132
Hunter-Lab	29.1340, 58.2593, -53.4712

Details

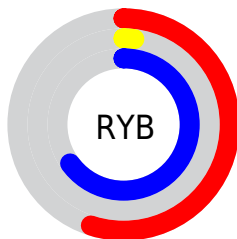
The XYZ color **17.8303, 8.4879, 36.2959** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **13.9896, 27.1827, 4.6534**, and the grayscale version is **4.7848, 5.0339, 5.4820**.

A 20% lighter version of the original color is **39.4003, 22.9545, 70.7607**, and **6.6709, 3.1011, 15.5762** is the 20% darker color. If you saturate the color by 10%, you get **17.6489, 8.3138, 36.2720**, and if you desaturate by 10%, it is **18.4796, 9.1542, 36.3904**.

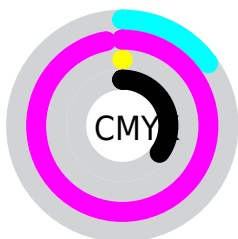
Distribution



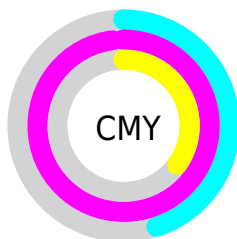
- Red (55%)
- Green (2%)
- Blue (65%)



- Red (55%)
- Yellow (2%)
- Blue (65%)



- Cyan (15%)
- Magenta (97%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8303, 8.4879, 36.2959 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 17.8303, 8.4879, 36.2959 by changing the saturation by 10% instead.

■ 17.8303, 8.4879,
36.2959

■ 17.8303, 8.4879,
36.2959

232.9769,
179.5103, 345.3285

■ 10.9272, 4.4087,
24.3713

■ 39.2803, 22.9095,
70.6627

■ 6.0848, 1.9047,
15.3945

■ 54.5579, 34.0207,
93.9420

■ 2.9379, 0.5512,
8.9471

■ 73.3577, 48.2447,
121.8433

■ 1.1210, 0.0000,
4.6103

■ 96.0450, 65.9659,
154.7851

■ 0.0426, 0.0000,
1.9658

■ 122.9852, 87.5686,
193.1860

■ 0.0000, 0.0000,
0.5341

■ 154.5437,

■ 0.0000, 0.0000,

113.4374, 237.4645

0.0000

191.0858,
143.9565, 288.0391

17.8303, 8.4879,
36.2959

17.8303, 8.4879,
36.2959

17.6489, 8.3138,
36.2720

18.4796, 9.1542,
36.3904

19.3305, 10.2101,
36.5494

20.4247, 11.7386,
36.7867

21.7898, 13.7945,
37.1116

23.4494, 16.4251,
37.5319

■ 25.4247, 19.6727,
38.0547

■ 27.7347, 23.5752,
38.6862

■ 30.3969, 28.1677,
39.4323

■ 33.4277, 33.4827,
40.2984

Harmonies

Analogous

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



12.1580, 8.4879, 61.2684



17.8303, 8.4879, 36.2959



21.0912, 8.4879, 13.0572

Triad

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



17.8303, 8.4879, 36.2959



9.3082, 8.4879, 0.0000



2.2010, 8.4879, 23.5698

Complementary

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



17.8303, 8.4879, 36.2959



13.9896, 27.1827, 4.6534

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.



1.9452, 8.4879, 6.2532



17.8303, 8.4879, 36.2959



5.0159, 8.4879, 0.0000

Square

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



17.8303, 8.4879, 36.2959



15.0525, 8.4879, 0.0000



2.7366, 8.4879, 0.6662



3.6674, 8.4879, 50.0818

Rectangle

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



17.8303, 8.4879, 36.2959



20.8137, 8.4879, 4.5890



2.7366, 8.4879, 0.6662



2.0026, 8.4879, 16.2968

Sweetspot

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



17.8307, 8.4883, 36.2961



48.5490, 40.3107, 68.9743



7.3621, 3.7646, 35.9361



10.2457, 8.1903, 14.9784



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.8307, 8.4883, 36.2961



31.4709, 14.8188, 64.9539



18.4778, 9.2707, 16.0488



7.2595, 7.1481, 8.9002



13.3847, 6.3066, 27.4416



0.3078, 0.1462, 0.5779

Inverse Universe

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



15.7934, 8.1969, 1.9128



28.0525, 14.4313, 2.6828



14.2903, 27.2517, 8.5555



7.1151, 7.1025, 7.5924



11.8818, 6.1088, 1.3020



0.2613, 0.1330, 0.0888

Previews

White Background



This preview shows how the XYZ color 17.8303, 8.4879, 36.2959 looks on a white background.

Color Contrast Check

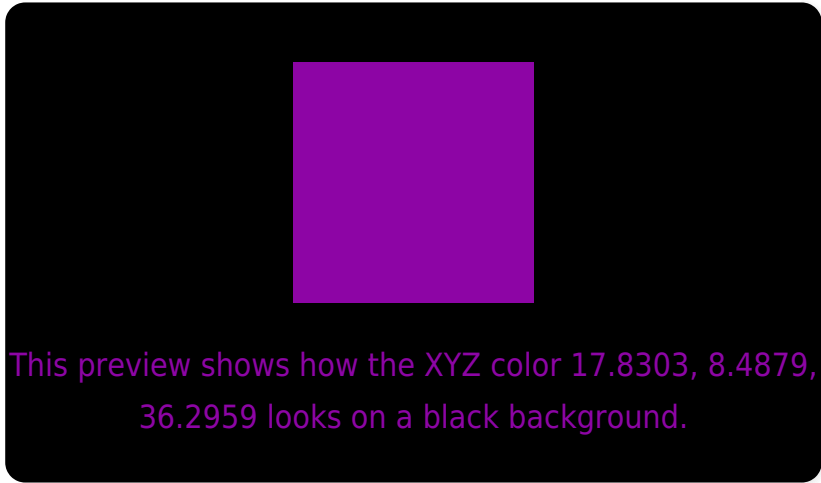
Large Text (above 18pt) WCAG AA ✓ Pass

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

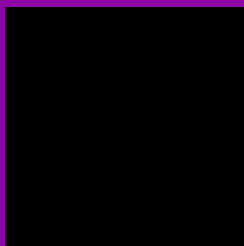
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8303, 8.4879, 36.2959

Background



This preview shows how black text looks on a background with the XYZ color 17.8303, 8.4879, 36.2959.



This preview shows how white text looks on a background with the XYZ color 17.8303, 8.4879,

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

17.8303, 8.4879, 36.2959

Deuteranopia

8.9953, 8.9226, 30.9539

Tritanopia

11.8666, 8.7995, 6.7033

Trichromacy



Original Color

17.8303, 8.4879, 36.2959

Deuteranomaly

8.9142, 6.0644, 32.5990

Tritanomaly

13.0354, 7.7138, 13.8986

Monochromacy



Original Color

17.8303, 8.4879, 36.2959

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

7.6265, 4.9427, 12.8640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8303, 8.4879, 36.2959 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(141, 5, 165)` looks like.

```
.text, #text, p{  
    color:rgb(141, 5, 165)  
}
```

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(141, 5, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 5, 165) }
```

Border

The CSS property to change the border of an element to XYZ 17.8303, 8.4879, 36.2959 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(141, 5, 165) }
```

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

```
.border{ border-color:rgb(141, 5, 165) }
```

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

Here you see how a box with a 4 pixel rgb(141, 5, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 5, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 5, 165);  
box-shadow:4px 4px 4px 4px rgb(141, 5,  
165) }
```


Background

The CSS property to change the background color of an element to XYZ 17.8303, 8.4879, 36.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 5, 165) }
```

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

```
.background{ background-color: rgb(141, 5,  
165) }
```

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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