

Converting Colors

XYZ(17.5968, 8.4184, 33.2273)

Have a look what the booklet for
XYZ(17.5968, 8.4184, 33.2273)
contains.

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Color

**XYZ(17.5427, 8.3951,
33.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	8F049E
RGB	143, 4, 158
RGB Percent	56%, 2%, 62%
CMY	0.4392, 0.9843, 0.3804
CMYK	0.09, 0.97, 0.00, 0.38
HSL	294°, 95%, 32%
HSV	294°, 97%, 62%
XYZ	17.5427, 8.3951, 33.0436
YIQ	63.1170, 33.4100, 77.3620

Conversions

Conversions Part 2

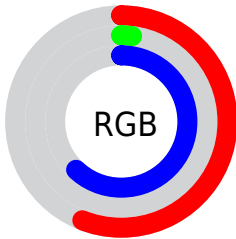
Format	Color
R_YB	143, 4, 158
Decimal	9372830
CIE Lab	34.79, 65.75, -46.83
CIE LCh	35, 80.718, 324.539
Yxy	8.3951, 0.2974, 0.1423
Android (android.graphics.Color)	4287562910 (0xFF8F049E)
YUV	63.1170, 46.7773, 70.0574
Hunter-Lab	28.9743, 57.3691, -47.3350

Details

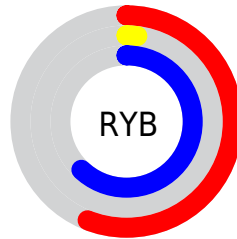
The XYZ color **17.5427, 8.3951, 33.0436** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **12.5176, 24.6012, 4.2039**, and the grayscale version is **4.6727, 4.9161, 5.3536**.

A 20% lighter version of the original color is **38.8936, 22.8136, 65.3043**, and **6.5320, 3.0668, 13.8834** is the 20% darker color. If you saturate the color by 10%, you get **17.4320, 8.2736, 33.0261**, and if you desaturate by 10%, it is **18.0146, 8.9404, 33.1241**.

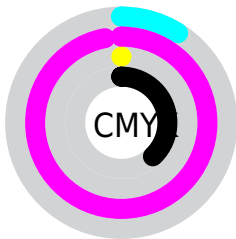
Distribution



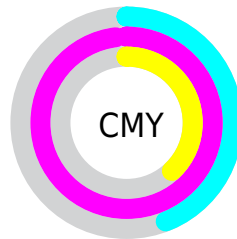
- Red (56%)
- Green (2%)
- Blue (62%)



- Red (56%)
- Yellow (2%)
- Blue (62%)



- Cyan (9%)
- Magenta (97%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (98%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5427, 8.3951, 33.0436 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 17.5427, 8.3951, 33.0436 by changing the saturation by 10% instead.

■ 17.5427, 8.3951,
33.0436

■ 17.5427, 8.3951,
33.0436

231.3765,
178.7990, 330.4842

■ 10.7199, 4.3488,
21.8885

■ 38.7928, 22.7294,
65.5604

■ 5.9447, 1.8705,
13.5774

■ 53.9507, 33.7862,
87.7591

■ 2.8518, 0.5306,
7.6920

■ 72.6177, 47.9487,
114.4761

■ 1.0759, 0.0000,
3.8136

■ 95.1592, 65.6011,
146.1299

■ 0.0048, 0.0000,
1.5236

■ 121.9404, 87.1280,
183.1391

■ 0.0000, 0.0000,
0.2354

■ 153.3268,

■ 0.0000, 0.0000,

112.9136, 225.9222

0.0000

189.6837,
143.3425, 274.8977

17.5427, 8.3951,
33.0436

17.5427, 8.3951,
33.0436

17.4320, 8.2736,
33.0261

18.0146, 8.9404,
33.1241

18.6589, 9.8252,
33.2609

19.5172, 11.1327,
33.4681

20.6144, 12.9124,
33.7537

21.9718, 15.2070,
34.1251

■ 23.6084, 18.0545,
34.5885

■ 25.5414, 21.4893,
35.1496

■ 27.7866, 25.5429,
35.8137

■ 30.3587, 30.2445,
36.5856

Harmonies

Analogous

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



12.2346, 8.3951, 56.8011



17.5427, 8.3951, 33.0436



20.3838, 8.3951, 11.7635

Triad

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



17.5427, 8.3951, 33.0436



8.8490, 8.3951, 0.0000



2.3424, 8.3951, 24.1695

Complementary

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



17.5427, 8.3951, 33.0436



12.5176, 24.6012, 4.2039

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.



2.0237, 8.3951, 6.9402



17.5427, 8.3951, 33.0436



4.8465, 8.3951, 0.0000

Square

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



17.5427, 8.3951, 33.0436



14.2727, 8.3951, 0.0000



2.7334, 8.3951, 0.9200



3.8762, 8.3951, 49.0525

Rectangle

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



17.5427, 8.3951, 33.0436



19.9339, 8.3951, 4.1506



2.7334, 8.3951, 0.9200



2.1224, 8.3951, 17.0676

Sweetspot

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



17.5431, 8.3955, 33.0438



45.5980, 37.6201, 63.6016



6.4616, 2.9742, 32.5814



9.9565, 7.9057, 14.2448



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.5431, 8.3955, 33.0438



31.5623, 14.9763, 59.9706



16.2741, 8.2082, 11.8908



6.8405, 6.7217, 8.3436



13.9795, 6.6357, 26.4513



0.2665, 0.1272, 0.4737

Inverse Universe

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



14.2618, 7.4032, 1.2938



25.7339, 13.2516, 1.8688



13.2489, 24.8684, 9.1954



6.6580, 6.6561, 7.0502



11.3717, 5.8533, 0.9427



0.2101, 0.1074, 0.0524

Previews

White Background



This preview shows how the XYZ color 17.5427, 8.3951, 33.0436 looks on a white background.

Color Contrast Check

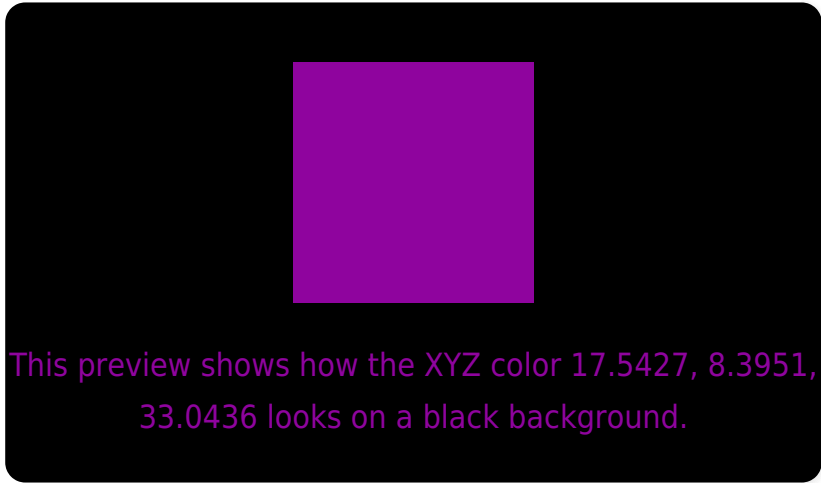
Large Text (above 18pt) WCAG AA ✓ Pass

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

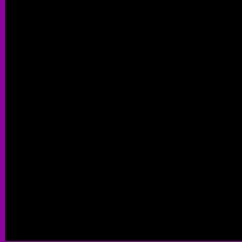
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5427, 8.3951, 33.0436

Background



This preview shows how black text looks on a background with the XYZ color 17.5427, 8.3951, 33.0436.



This preview shows how white text looks on a background with the XYZ color 17.5427, 8.3951,

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

17.5427, 8.3951, 33.0436

Protanopia

10.3888, 8.8634, 40.1930

Deuteranopia

9.1253, 8.8999, 29.6707



Tritanopia

12.2217, 8.7441, 6.1979

Trichromacy



Original Color

17.5427, 8.3951, 33.0436



Protanomaly

9.6643, 6.0663, 37.2208



Deuteranomaly

9.5359, 6.3606, 30.4309



Tritanomaly

13.1984, 7.7210, 12.5990

Monochromacy



Original Color

17.5427, 8.3951, 33.0436



Achromatopsia

4.7246, 4.9707, 5.4130



Achromatomaly

7.4462, 4.8131, 12.0918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5427, 8.3951, 33.0436 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(143, 4, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 4, 158)  
}
```

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(143, 4, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 4, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.5427, 8.3951, 33.0436 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(143, 4, 158) }
```


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

```
.border{ border-color:rgb(143, 4, 158) }
```

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

Here you see how a box with a 4 pixel rgb(143, 4, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 4, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 4, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 4,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5427, 8.3951, 33.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 4, 158) }
```

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

```
.background{ background-color: rgb(143, 4,  
158) }
```

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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