

Converting Colors

XYZ(17.5446, 7.9584, 50.4815)

Have a look what the booklet for
XYZ(17.5446, 7.9584, 50.4815)
contains.

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Color

**XYZ(17.5513, 7.9651,
50.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	7A01C0
RGB	122, 1, 192
RGB Percent	48%, 0%, 75%
CMY	0.5216, 0.9961, 0.2471
CMYK	0.36, 0.99, 0.00, 0.25
HSL	278°, 99%, 38%
HSV	278°, 99%, 75%
XYZ	17.5513, 7.9651, 50.4815
YIQ	58.9530, 10.8050, 85.0530

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 1, 192
Decimal	7995840
CIE _{Lab}	33.91, 69.60, -68.74
CIE _{LCh}	34, 97.822, 315.354
Yxy	7.9651, 0.2309, 0.1048
Android (android.graphics.Color)	4286185920 (0xFF7A01C0)
YUV	58.9530, 65.5922, 55.2922
Hunter-Lab	28.2225, 61.6180, -86.2961

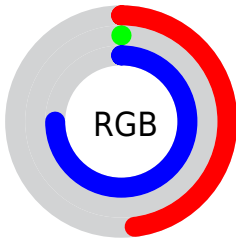
Details

The XYZ color **17.5513, 7.9651, 50.4815** is a dark color, and the websafe version is hex **9900CC**.

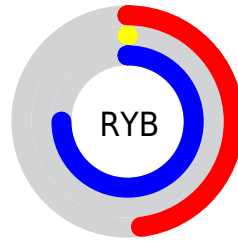
The color can be described as dark washed purple. A complement of this color would be **21.4538, 39.0412, 6.4338**, and the grayscale version is **4.0638, 4.2754, 4.6559**.

A 20% lighter version of the original color is **38.8958, 21.8948, 92.6186**, and **6.5020, 2.8303, 23.8705** is the 20% darker color. If you saturate the color by 10%, you get **17.4889, 7.9168, 50.4756**, and if you desaturate by 10%, it is **18.8274, 8.9835, 50.6110**.

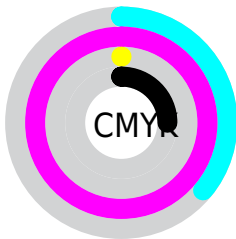
Distribution



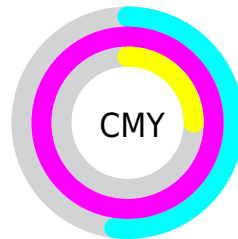
- Red (48%)
- Green (0%)
- Blue (75%)



- Red (48%)
- Yellow (0%)
- Blue (75%)



- Cyan (36%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5513, 7.9651, 50.4815 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 17.5513, 7.9651, 50.4815 by changing the saturation by 10% instead.

■ 17.5513, 7.9651,
50.4815

■ 17.5513, 7.9651,
50.4815

231.4245,
175.4580, 405.3348

■ 10.7261, 4.0726,
35.4223

■ 38.8074, 21.8900,
92.2915

■ 5.9489, 1.7143,
23.7022

■ 53.9689, 32.6912,
119.8794

■ 2.8544, 0.4329,
14.9027

■ 72.6399, 46.5641,
152.4806

■ 1.0772, 0.0000,
8.6053

■ 95.1857, 63.8931,
190.5136

■ 0.0059, 0.0000,
4.3913

■ 121.9717, 85.0626,
234.3970


■ 0.0000, 0.0000,
1.8424


■ 153.3633,


■ 0.0000, 0.0000,


110.4570, 284.5493


0.4557

 189.7258,
140.4607, 341.3890


 0.0000, 0.0000,
0.0000


 17.5513, 7.9651,
50.4815


 17.5513, 7.9651,
50.4815


 17.4889, 7.9168,
50.4756

 18.8274, 8.9835,
50.6110

 20.4190, 10.5241,
50.8245

 22.4053, 12.7428,
51.1480

 24.8300, 15.7249,
51.5958

 27.7303, 19.5426,
52.1799

■ 31.1391, 24.2597,
52.9107

■ 35.0858, 29.9336,
53.7979

■ 39.5978, 36.6167,
54.8500

■ 44.7003, 44.3577,
56.0753

Harmonies

Analogous

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



10.6475, 7.9651, 79.8826



17.5513, 7.9651, 50.4815



22.6026, 7.9651, 18.5066

Triad

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



17.5513, 7.9651, 50.4815



10.4936, 7.9651, 0.0000



1.3404, 7.9651, 19.0975

Complementary

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



17.5513, 7.9651, 50.4815



21.4538, 39.0412, 6.4338

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.



1.3300, 7.9651, 3.1378



17.5513, 7.9651, 50.4815



5.1522, 7.9651, 0.0000

Square

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



17.5513, 7.9651, 50.4815



17.3938, 7.9651, 0.0000



2.3438, 7.9651, 0.0000



2.3853, 7.9651, 51.3217

Rectangle

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



17.5513, 7.9651, 50.4815



23.2104, 7.9651, 6.1954



2.3438, 7.9651, 0.0000



1.2409, 7.9651, 11.7353

Sweetspot

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



17.5518, 7.9653, 50.4817



62.8104, 53.1253, 97.3040



11.7825, 8.3233, 50.8549



12.8058, 10.4294, 20.7234



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



17.5518, 7.9653, 50.4817



31.4023, 14.1970, 91.4455



28.6812, 14.0011, 37.5246



10.1278, 10.0570, 12.6922



11.8561, 5.3725, 33.9687



0.5859, 0.2701, 1.4711

Inverse Universe

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



22.8866, 11.6832, 7.0103



41.3022, 21.0710, 11.9205



19.0540, 37.7826, 7.2936



10.2224, 10.1376, 11.2616



15.4137, 7.8552, 4.8246



0.6993, 0.3527, 0.3839

Previews

White Background



This preview shows how the XYZ color 17.5513, 7.9651, 50.4815 looks on a white background.

Color Contrast Check

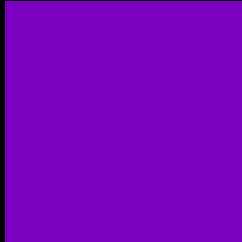
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.5513, 7.9651, 50.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

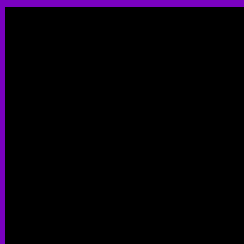
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5513, 7.9651, 50.4815

Background



This preview shows how black text looks on a background with the XYZ color 17.5513, 7.9651, 50.4815.



This preview shows how white text looks on a background with the XYZ color 17.5513, 7.9651, 50.4815.

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

17.5513, 7.9651, 50.4815

Protanopia

9.7710, 8.3820, 37.6621

Deuteranopia

8.2044, 8.3543, 27.5657



Tritanopia

9.2568, 8.3356, 8.9056

Trichromacy



Original Color

17.5513, 7.9651, 50.4815

Protanomaly

10.0590, 6.0377, 41.7095

Deuteranomaly

8.7909, 5.7470, 34.3642

Tritanomaly

10.6925, 6.6825, 18.8155

Monochromacy



Original Color

17.5513, 7.9651, 50.4815

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.8266, 4.2416, 14.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5513, 7.9651, 50.4815 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(122, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(122, 1, 192)  
}
```

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(122, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 1, 192) }
```

Border

The CSS property to change the border of an element to XYZ 17.5513, 7.9651, 50.4815 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(122, 1, 192) }
```


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

```
.border{ border-color:rgb(122, 1, 192) }
```

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

Here you see how a box with a 4 pixel rgb(122, 1, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(122, 1,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5513, 7.9651, 50.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 1, 192) }
```

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

```
.background{ background-color: rgb(122, 1,  
192) }
```

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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