

Converting Colors

XYZ(17.5410, 7.9436, 50.4781)

Have a look what the booklet for
XYZ(17.5410, 7.9436, 50.4781)
contains.

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Color

**XYZ(17.5405, 7.9433,
50.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	7A00C0
RGB	122, 0, 192
RGB Percent	48%, 0%, 75%
CMY	0.5216, 1.0000, 0.2471
CMYK	0.36, 1.00, 0.00, 0.25
HSL	278°, 100%, 38%
HSV	278°, 100%, 75%
XYZ	17.5405, 7.9433, 50.4779
YIQ	58.3660, 11.0800, 85.5760

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 0, 192
Decimal	7995584
CIE _{Lab}	33.86, 69.73, -68.82
CIE _{LCh}	34, 97.973, 315.379
Yxy	7.9433, 0.2309, 0.1046
Android (android.graphics.Color)	4286185664 (0xFF7A00C0)
YUV	58.3660, 65.8816, 55.8070
Hunter-Lab	28.1839, 61.7695, -86.4610

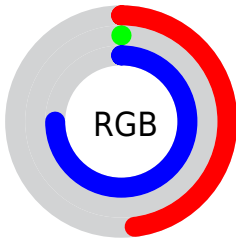
Details

The XYZ color **17.5405, 7.9433, 50.4779** is a dark color, and the websafe version is hex **9900CC**.

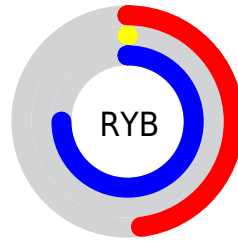
The color can be described as dark washed purple. A complement of this color would be **21.3753, 39.0014, 6.4014**, and the grayscale version is **3.9844, 4.1919, 4.5650**.

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 **17.5410, 7.9436, 50.4781**, and if you desaturate by 10%, it is **18.8045, 8.9457, 50.6049**.

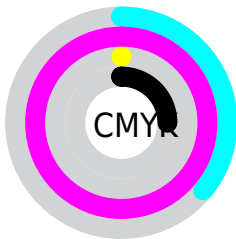
Distribution



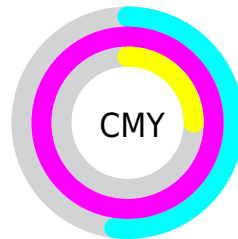
- Red (48%)
- Green (0%)
- Blue (75%)



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



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5405, 7.9433, 50.4779 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 17.5405, 7.9433, 50.4779 by changing the saturation by 10% instead.

■ 17.5405, 7.9433,
50.4779

■ 17.5405, 7.9433,
50.4779

231.3642,
175.2866, 405.3204

■ 10.7183, 4.0587,
35.4194

■ 38.7890, 21.8472,
92.2861

■ 5.9436, 1.7064,
23.7000

■ 53.9460, 32.6353,
119.8730

■ 2.8512, 0.4278,
14.9011

■ 72.6120, 46.4933,
152.4730

■ 1.0755, 0.0000,
8.6042

■ 95.1524, 63.8057,
190.5049

■ 0.0045, 0.0000,
4.3906

■ 121.9324, 84.9569,
234.3869

■ 0.0000, 0.0000,
1.8420

■ 153.3175,


■ 0.0000, 0.0000,

110.3311, 284.5379


0.4554

 189.6729,
140.3129, 341.3762


 0.0000, 0.0000,
0.0000


 17.5405, 7.9433,
50.4779


 17.5405, 7.9433,
50.4779


 17.5410, 7.9436,
50.4781

 18.8045, 8.9457,
50.6049

 20.3743, 10.4522,
50.8130

 22.3356, 12.6316,
51.1303

 24.7325, 15.5699,
51.5711

 27.6024, 19.3399,
52.1475

■ 30.9782, 24.0057,
52.8702

■ 34.8899, 29.6249,
53.7486

■ 39.3645, 36.2503,
54.7916

■ 44.4275, 43.9308,
56.0073

Harmonies

Analogous

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



10.6323, 7.9433, 79.9561



17.5405, 7.9433, 50.4779



22.5940, 7.9433, 18.4652

Triad

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



17.5405, 7.9433, 50.4779



10.4673, 7.9433, 0.0000



1.3294, 7.9433, 19.0993

Complementary

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



17.5405, 7.9433, 50.4779



21.3753, 39.0014, 6.4014

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.



1.3183, 7.9433, 3.1264



17.5405, 7.9433, 50.4779



5.1294, 7.9433, 0.0000

Square

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



17.5405, 7.9433, 50.4779



17.3715, 7.9433, 0.0000



2.3277, 7.9433, 0.0000



2.3721, 7.9433, 51.3806

Rectangle

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



17.5405, 7.9433, 50.4779



23.1991, 7.9433, 6.1625



2.3277, 7.9433, 0.0000



1.2301, 7.9433, 11.7276

Sweetspot

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



17.5410, 7.9436, 50.4781



62.8546, 53.1481, 97.3061



11.7297, 8.2363, 50.8409



12.8164, 10.4348, 20.7239



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.



17.5410, 7.9436, 50.4781



31.4971, 14.2458, 91.4499



28.6580, 13.9744, 37.4561



10.1297, 10.0580, 12.6923



11.8910, 5.3905, 33.9704



0.5873, 0.2708, 1.4712

Inverse Universe

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



22.8437, 11.6487, 6.8382



41.2814, 21.0627, 11.8110



19.0317, 37.7722, 7.2417



10.2216, 10.1372, 11.2574



15.4057, 7.8520, 4.7827



0.6989, 0.3526, 0.3818

Previews

White Background



This preview shows how the XYZ color 17.5405, 7.9433, 50.4779 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

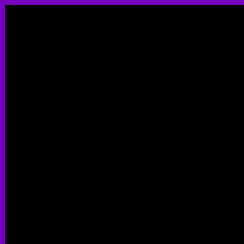
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5405, 7.9433, 50.4779

Background



This preview shows how black text looks on a background with the XYZ color 17.5405, 7.9433, 50.4779.



This preview shows how white text looks on a background with the XYZ color 17.5405, 7.9433,

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

17.5405, 7.9433, 50.4779

Protanopia

9.7710, 8.3820, 37.6621

Deuteranopia

8.2044, 8.3543, 27.5657



Tritanopia

9.2568, 8.3356, 8.9056

Trichromacy



Original Color

17.5405, 7.9433, 50.4779



Protanomaly

10.0158, 5.9513, 41.6951



Deuteranomaly

8.7448, 5.6549, 34.3488



Tritanomaly

10.6925, 6.6825, 18.8155

Monochromacy



Original Color

17.5405, 7.9433, 50.4779



Achromatopsia

4.0217, 4.2311, 4.6077



Achromatomaly

6.7087, 4.1340, 14.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5405, 7.9433, 50.4779 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, 0, 192)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 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, 0, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 192) }
```

Border

The CSS property to change the border of an element to XYZ 17.5405, 7.9433, 50.4779 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, 0, 192) }
```


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

```
.border{ border-color:rgb(122, 0, 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, 0, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 192);  
box-shadow:4px 4px 4px 4px rgb(122, 0,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5405, 7.9433, 50.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 192) }
```

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

```
.background{ background-color: rgb(122, 0,  
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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