

Converting Colors

XYZ(17.7028, 16.9582, 22.1015)

Have a look what the booklet for
XYZ(17.7028, 16.9582, 22.1015)
contains.

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Color

**XYZ(17.6540, 16.9433,
22.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6E7E
RGB	124, 110, 126
RGB Percent	49%, 43%, 49%
CMY	0.5137, 0.5686, 0.5059
CMYK	0.02, 0.13, 0.00, 0.51
HSL	292°, 7%, 46%
HSV	292°, 13%, 49%
XYZ	17.6540, 16.9433, 22.0786
YIQ	116.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

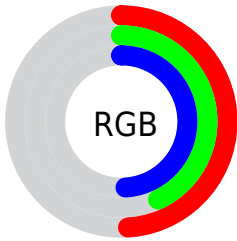
Format	Color
R_{YB}	124, 110, 126
Decimal	8154750
CIE _{Lab}	48.19, 8.61, -6.83
CIE _{LCh}	48, 10.986, 321.566
Yxy	16.9433, 0.3115, 0.2990
Android (android.graphics.Color)	4286344830 (0xFF7C6E7E)
YUV	116.0100, 4.9251, 7.0072
Hunter-Lab	41.1622, 4.5226, -2.9884

Details

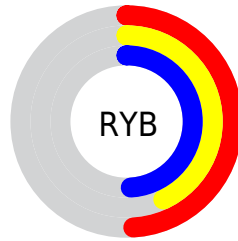
The XYZ color **17.6540, 16.9433, 22.0786** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9581, 19.4927, 17.6214**, and the grayscale version is **16.5886, 17.4525, 19.0058**.

A 20% lighter version of the original color is **39.1885, 38.4424, 48.0025**, and **5.9638, 5.4769, 7.7640** is the 20% darker color. If you saturate the color by 10%, you get **16.1644, 14.2991, 21.6470**, and if you desaturate by 10%, it is **19.3416, 19.9775, 22.5756**.

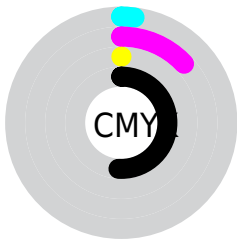
Distribution



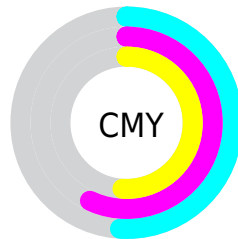
- Red (49%)
- Green (43%)
- Blue (49%)



- Red (49%)
- Yellow (43%)
- Blue (49%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6540, 16.9433, 22.0786 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 17.6540, 16.9433, 22.0786 by changing the saturation by 10% instead.

■ 17.6540, 16.9433,
22.0786

■ 17.6540, 16.9433,
22.0786

231.9970,
234.8454, 275.9234

■ 10.8000, 10.1941,
13.7158

■ 38.9816, 38.2283,
47.7797

■ 5.9988, 5.5278,
7.7868

■ 54.1859, 53.5328,
65.9551

■ 2.8850, 2.5602,
3.8730

■ 72.9044, 72.4579,
88.2385

■ 1.0933, 0.9067,
1.5559

■ 95.5025, 95.3879,
115.0483

■ 0.0195, 0.0000,
0.2591

122.3454,
122.7073, 146.8032

■ 0.0000, 0.0000,
0.0000

153.7986,

154.8004, 183.9216

190.2273,
192.0516, 226.8222

■ 17.6540, 16.9433,
22.0786

■ 17.6540, 16.9433,
22.0786

■ 16.1644, 14.2991,
21.6470

■ 19.3416, 19.9775,
22.5756

■ 14.8632, 12.0265,
21.2769

■ 21.2332, 23.4147,
23.1393

■ 13.7420, 10.1088,
20.9658

■ 23.3368, 27.2702,
23.7726

■ 12.7916, 8.5272,
20.7107

■ 25.6590, 31.5578,
24.4778

■ 12.0016, 7.2612,
20.5079

■ 28.2066, 36.2904,
25.2570

■ 11.3607, 6.2880,
20.3539

■ 30.9858, 41.4808,
26.1124

■ 10.8559, 5.5817,
20.2441

■ 34.0026, 47.1408,
27.0459

■ 10.4717, 5.1116,
20.1737

■ 37.2629, 53.2822,
28.0595

■ 10.2274, 4.8374,
20.1336

■ 40.7723, 59.9161,
29.1550

Harmonies

Analogous

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



16.8196, 16.9433, 24.0440



17.6540, 16.9433, 22.0786



18.0772, 16.9433, 19.2660

Triad

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



17.6540, 16.9433, 22.0786



16.3871, 16.9433, 13.5300



14.3851, 16.9433, 20.5424

Complementary

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



17.6540, 16.9433, 22.0786



16.9581, 19.4927, 17.6214

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.



14.2801, 16.9433, 17.6542



17.6540, 16.9433, 22.0786



15.4092, 16.9433, 13.7962

Square

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



17.6540, 16.9433, 22.0786



17.3262, 16.9433, 14.4708



14.6477, 16.9433, 15.2396



14.9408, 16.9433, 23.0952

Rectangle

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



17.6540, 16.9433, 22.0786



18.0575, 16.9433, 17.3687



14.6477, 16.9433, 15.2396



14.2969, 16.9433, 19.5719

Sweetspot

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



17.6545, 16.9440, 22.0790



33.6088, 34.3763, 39.6083



16.0059, 16.4399, 22.0686



7.5993, 7.7372, 8.9960



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.6545, 16.9440, 22.0790



30.3461, 28.5238, 38.6506



17.5789, 16.9475, 20.1570



4.4469, 4.3860, 5.4255



10.4898, 4.9614, 20.6547



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.1053, 16.7581, 17.6632



29.2034, 28.1383, 29.3969



17.0365, 19.4950, 19.3480



4.3480, 4.3523, 4.6369



8.9201, 4.5877, 0.9032



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6540, 16.9433, 22.0786 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 × Fail

Black Background



This preview shows how the XYZ color 17.6540, 16.9433, 22.0786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

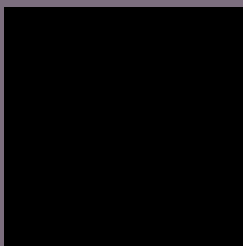
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6540, 16.9433, 22.0786

Background



This preview shows how black text looks on a background with the XYZ color 17.6540, 16.9433, 22.0786.



This preview shows how white text looks on a background with the XYZ color 17.6540, 16.9433,

22.0786.

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

17.6540, 16.9433, 22.0786

Protanopia

16.5957, 17.0379, 22.8360

Deuteranopia

17.1961, 16.8683, 22.0882



Tritanopia

17.2430, 16.9359, 20.1295

Trichromacy



Original Color

17.6540, 16.9433, 22.0786

Protanomaly

16.9384, 17.0556, 22.4780

Deuteranomaly

17.3355, 16.9402, 22.0948

Tritanomaly

17.3657, 16.9850, 20.7755

Monochromacy



Original Color

17.6540, 16.9433, 22.0786

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0152, 17.3126, 20.2142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6540, 16.9433, 22.0786 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(124, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(124, 110, 126)  
}
```

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(124, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 110, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.6540, 16.9433, 22.0786 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(124, 110, 126) }
```


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

```
.border{ border-color:rgb(124, 110, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 110, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 110, 126);  
box-shadow:4px 4px 4px 4px rgb(124, 110,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6540, 16.9433, 22.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 110, 126) }
```

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

```
.background{ background-color: rgb(124,  
110, 126) }
```

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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