

Converting Colors

XYZ(17.6981, 17.8919, 22.7920)

Have a look what the booklet for
XYZ(17.6981, 17.8919, 22.7920)
contains.

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Color

**XYZ(17.7494, 17.9712,
22.9554)**

Conversions

Conversions Part 1

Format	Color
Hex	777480
RGB	119, 116, 128
RGB Percent	47%, 45%, 50%
CMY	0.5333, 0.5451, 0.4980
CMYK	0.07, 0.09, 0.00, 0.50
HSL	255°, 5%, 48%
HSV	255°, 9%, 50%
XYZ	17.7494, 17.9712, 22.9554
YIQ	118.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

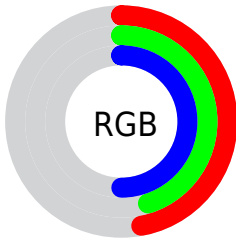
Format	Color
R_{YB}	119, 116, 128
Decimal	7828608
CIE Lab	49.46, 3.63, -6.17
CIE LCh	49, 7.160, 300.490
Yxy	17.9712, 0.3025, 0.3063
Android (android.graphics.Color)	4286018688 (0xFF777480)
YUV	118.2650, 4.7994, 0.6446
Hunter-Lab	42.3925, 0.5498, -2.4307

Details

The XYZ color **17.7494, 17.9712, 22.9554** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3297, 21.0598, 19.5700**, and the grayscale version is **17.2892, 18.1896, 19.8085**.

A 20% lighter version of the original color is **39.1377, 39.9994, 49.3739**, and **6.0769, 6.0384, 8.2424** is the 20% darker color. If you saturate the color by 10%, you get **15.1227, 14.5760, 22.4388**, and if you desaturate by 10%, it is **20.7136, 21.8432, 23.5468**.

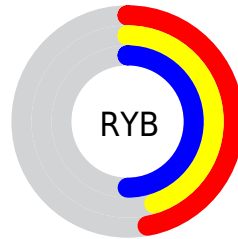
Distribution



Red (47%)

Green (45%)

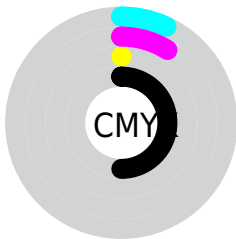
Blue (50%)



Red (47%)

Yellow (45%)

Blue (50%)

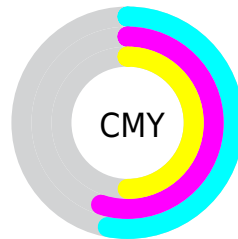


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7494, 17.9712, 22.9554 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 17.7494, 17.9712, 22.9554 by changing the saturation by 10% instead.

■ 17.7494, 17.9712,
22.9554

■ 17.7494, 17.9712,
22.9554

232.5277,
240.7087, 280.6103

■ 10.8688, 10.9293,
14.3556

■ 39.1433, 39.9882,
49.2424

■ 6.0453, 6.0193,
8.2268

■ 54.3873, 55.7322,
67.7666

■ 2.9136, 2.8568,
4.1506

■ 73.1498, 75.1456,
90.4360

■ 1.1082, 1.0575,
1.7083

■ 95.7962, 98.6129,
117.6692

■ 0.0320, 0.0000,
0.3664

122.6919,
126.5185, 149.8847

■ 0.0000, 0.0000,
0.0000

154.2021,

159.2467, 187.5010

190.6923,
197.1819, 230.9367

■ 17.7494, 17.9712,
22.9554

■ 17.7494, 17.9712,
22.9554

■ 15.1227, 14.5760,
22.4388

■ 20.7136, 21.8432,
23.5468

■ 12.8198, 11.6368,
21.9928

■ 24.0254, 26.2073,
24.2146

■ 10.8282, 9.1345,
21.6148

■ 27.6962, 31.0808,
24.9618

■ 9.1340, 7.0480,
21.3014

■ 31.7365, 36.4796,
25.7910

■ 7.7225, 5.3541,
21.0488

■ 36.1564, 42.4188,
26.7044

■ 6.5772, 4.0275,
20.8531

■ 40.9656, 48.9129,
27.7044

■ 5.6801, 3.0398,
20.7097

■ 46.1734, 55.9760,
28.7932

■ 5.0107, 2.3582,
20.6135

■ 51.7888, 63.6216,
29.9730

■ 4.5191, 1.8925,
20.5495

■ 57.8206, 71.8626,
31.2458

Harmonies

Analogous

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



17.0922, 17.9712, 23.5328



17.7494, 17.9712, 22.9554



18.2379, 17.9712, 21.4600

Triad

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



17.7494, 17.9712, 22.9554



17.7297, 17.9712, 16.5022



15.8135, 17.9712, 19.5994

Complementary

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



17.7494, 17.9712, 22.9554



19.3297, 21.0598, 19.5700

Split Complementary

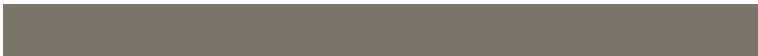
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.9742, 17.9712, 17.7899



17.7494, 17.9712, 22.9554



17.0700, 17.9712, 16.0748

Square

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



17.7494, 17.9712, 22.9554



18.2263, 17.9712, 17.7382



16.4298, 17.9712, 16.5306



15.9849, 17.9712, 21.5186

Rectangle

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



17.7494, 17.9712, 22.9554



18.3959, 17.9712, 20.1894



16.4298, 17.9712, 16.5306



15.8304, 17.9712, 18.9587

Sweetspot

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



17.7499, 17.9720, 22.9558



34.4704, 35.8395, 41.0572



18.4583, 19.9900, 23.3080



7.9797, 8.2723, 9.5945



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.7499, 17.9720, 22.9558



30.3371, 30.4553, 40.2358



18.5705, 18.3950, 22.9942



4.2018, 4.2596, 5.4140



4.4548, 1.8502, 20.3723



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.8498, 18.5614, 21.9922



32.6380, 31.6888, 38.2043



18.5074, 20.6359, 19.5315



4.4537, 4.3946, 5.1936



10.9218, 5.3884, 11.4439



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.7494, 17.9712, 22.9554 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 17.7494, 17.9712, 22.9554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

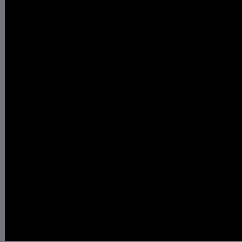
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7494, 17.9712, 22.9554

Background



This preview shows how black text looks on a background with the XYZ color 17.7494, 17.9712, 22.9554.



This preview shows how white text looks on a background with the XYZ color 17.7494, 17.9712,

22.9554.

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

17.7494, 17.9712, 22.9554

Protanopia

17.4600, 17.9941, 22.9750

Deuteranopia

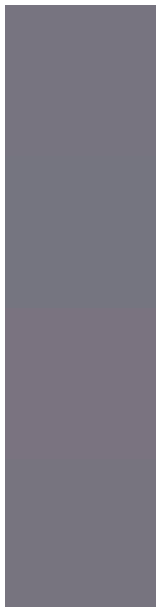
18.2258, 17.8782, 22.9123



Tritanopia

17.6190, 17.9191, 22.2688

Trichromacy



Original Color

17.7494, 17.9712, 22.9554

Protanomaly

17.5937, 18.0630, 22.9813

Deuteranomaly

18.0531, 17.9576, 22.9367

Tritanomaly

17.6839, 17.9450, 22.6104

Monochromacy



Original Color

17.7494, 17.9712, 22.9554

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3454, 17.9793, 20.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7494, 17.9712, 22.9554 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(119, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 116, 128)  
}
```

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(119, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 116, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.7494, 17.9712, 22.9554 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(119, 116, 128) }
```


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

```
.border{ border-color:rgb(119, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(119, 116,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7494, 17.9712, 22.9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 116, 128) }
```

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

```
.background{ background-color: rgb(119,  
116, 128) }
```

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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