

Converting Colors

XYZ(17.7047, 18.4187, 18.1614)

Have a look what the booklet for
XYZ(17.7047, 18.4187, 18.1614)
contains.

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Color

**XYZ(17.7712, 18.4342,
18.2443)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7671
RGB	124, 118, 113
RGB Percent	49%, 46%, 44%
CMY	0.5137, 0.5372, 0.5569
CMYK	0.00, 0.05, 0.09, 0.51
HSL	27°, 5%, 46%
HSV	27°, 9%, 49%
XYZ	17.7712, 18.4342, 18.2443
YIQ	119.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

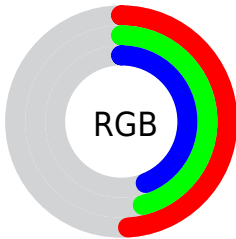
Format	Color
R _Y B	124, 122, 113
Decimal	8156785
CIE Lab	50.02, 1.35, 3.56
CIE LCh	50, 3.811, 69.297
Yxy	18.4342, 0.3264, 0.3386
Android (android.graphics.Color)	4286346865 (0xFF7C7671)
YUV	119.2240, -3.0684, 4.1886
Hunter-Lab	42.9351, -1.2537, 4.8606

Details

The XYZ color **17.7712, 18.4342, 18.2443** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0448, 18.1592, 21.6756**, and the grayscale version is **17.6142, 18.5315, 20.1808**.

A 20% lighter version of the original color is **39.2977, 40.8132, 41.4038**, and **6.0459, 6.2578, 5.8903** is the 20% darker color. If you saturate the color by 10%, you get **16.3526, 16.6388, 14.5594**, and if you desaturate by 10%, it is **19.3433, 20.3836, 22.4515**.

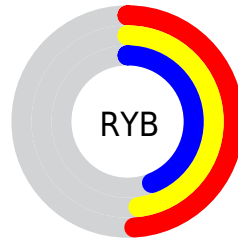
Distribution



Red (49%)

Green (46%)

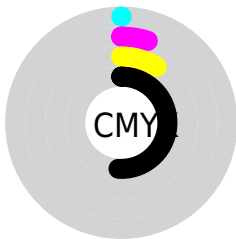
Blue (44%)



Red (49%)

Yellow (48%)

Blue (44%)

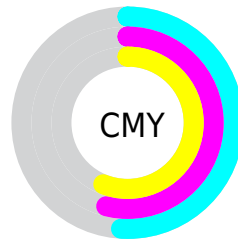


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7712, 18.4342, 18.2443 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 17.7712, 18.4342, 18.2443 by changing the saturation by 10% instead.

■ 17.7712, 18.4342,
18.2443

■ 17.7712, 18.4342,
18.2443

232.6488,
243.3072, 254.5267

■ 10.8845, 11.2622,
10.9543

■ 39.1802, 40.7758,
41.2727

■ 6.0560, 6.2435,
5.9223

■ 54.4333, 56.7142,
57.8482

■ 2.9201, 2.9937,
2.7299

■ 73.2059, 76.3435,
78.3559

■ 1.1117, 1.1284,
0.9584

■ 95.8633, 100.0480,
103.2143

■ 0.0348, 0.0021,
0.0000

122.7710,
128.2123, 132.8421

■ 0.0000, 0.0000,
0.0000

154.2942,

161.2206, 167.6577

190.7984,
199.4575, 208.0797

■ 17.7712, 18.4342,
18.2443

■ 17.7712, 18.4342,
18.2443

■ 16.3526, 16.6388,
14.5594

■ 19.3433, 20.3836,
22.4515

■ 15.0810, 14.9910,
11.3749

■ 21.0722, 22.4882,
27.1993

■ 13.9515, 13.4874,
8.6692

■ 22.9629, 24.7525,
32.5065

■ 12.9584, 12.1239,
6.4187

■ 25.0198, 27.1800,
38.3908

■ 12.0956, 10.8959,
4.5977

■ 27.2470, 29.7740,
44.8688

■ 11.3566, 9.7984,
3.1777

■ 29.6487, 32.5378,
51.9569

■ 10.7338, 8.8263,
2.1270

■ 32.2286, 35.4746,
59.6704

■ 10.2189, 7.9738,
1.4089

■ 34.9906, 38.5874,
68.0243

■ 9.7908, 7.2300,
0.9197

■ 37.9383, 41.8793,
77.0331

Harmonies

Analogous

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



18.0716, 18.4342, 18.8218



17.7712, 18.4342, 18.2443



17.4077, 18.4342, 18.1472

Triad

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



17.7712, 18.4342, 18.2443



16.8356, 18.4342, 20.3992



17.9708, 18.4342, 21.6727

Complementary

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



17.7712, 18.4342, 18.2443



17.0448, 18.1592, 21.6756

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.



17.6351, 18.4342, 22.1277



17.7712, 18.4342, 18.2443



16.9820, 18.4342, 21.3758

Square

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



17.7712, 18.4342, 18.2443



16.8709, 18.4342, 19.3674



17.2735, 18.4342, 22.0172



18.1879, 18.4342, 20.7929

Rectangle

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



17.7712, 18.4342, 18.2443



17.1789, 18.4342, 18.3644



17.2735, 18.4342, 22.0172



17.8679, 18.4342, 21.8817

Sweetspot

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



17.7717, 18.4350, 18.2447



32.8446, 34.3967, 36.2854



17.5502, 17.4287, 19.9077



7.6877, 8.0419, 8.4181



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.



17.7717, 18.4350, 18.2447



30.6529, 31.6614, 30.4737



18.4318, 19.7553, 18.4647



4.1345, 4.2874, 4.2341



9.9047, 7.2653, 0.8803



46.4173, 32.9980, 3.9228

Inverse Universe

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



17.0448, 18.1592, 21.6756



29.0542, 31.0546, 38.0194



16.4150, 16.8996, 21.4656



3.9618, 4.2219, 5.0493



5.7731, 5.6287, 20.1675



26.6788, 25.1303, 95.9143

Previews

White Background



This preview shows how the XYZ color 17.7712, 18.4342, 18.2443 looks on a white background.

Color Contrast Check

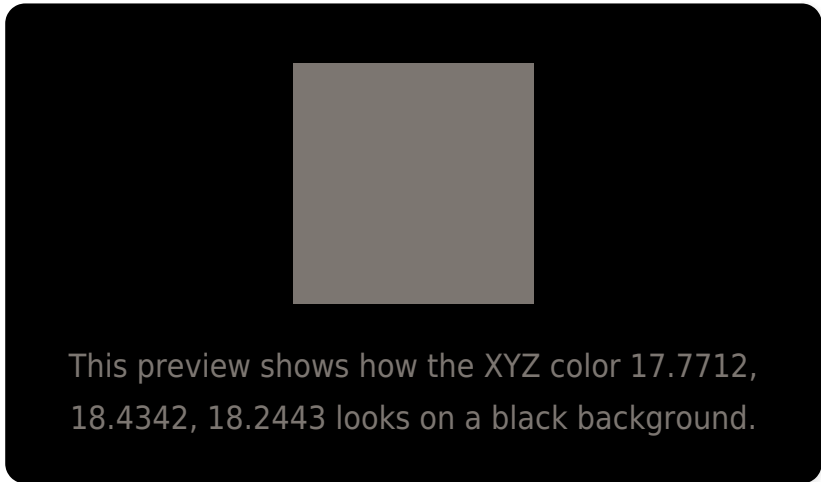
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

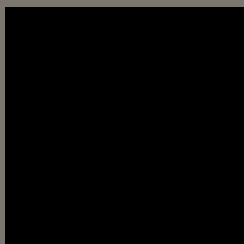
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

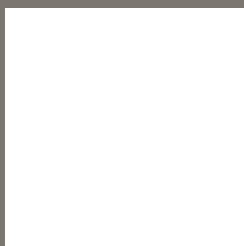
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7712, 18.4342, 18.2443

Background



This preview shows how black text looks on a background with the XYZ color 17.7712, 18.4342, 18.2443.

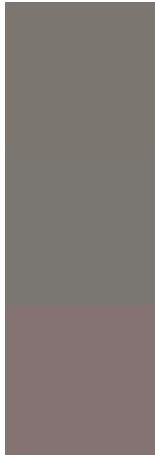


This preview shows how white text looks on a background with the XYZ color 17.7712, 18.4342,

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

17.7712, 18.4342, 18.2443

Protanopia

17.4851, 18.2867, 18.2309

Deuteranopia

18.6837, 18.3819, 18.4829



Tritanopia

18.5512, 18.4071, 21.9772

Trichromacy



Original Color

17.7712, 18.4342, 18.2443

Protanomaly

17.6274, 18.3601, 18.2376

Deuteranomaly

18.3359, 18.3728, 18.4995

Tritanomaly

18.2699, 18.4630, 20.6900

Monochromacy



Original Color

17.7712, 18.4342, 18.2443

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6929, 18.5430, 19.4763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7712, 18.4342, 18.2443 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, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 118, 113)  
}
```

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, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 118, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.7712, 18.4342, 18.2443 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, 118, 113) }
```


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

```
.border{ border-color:rgb(124, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 118,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7712, 18.4342, 18.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 118, 113) }
```

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

```
.background{ background-color: rgb(124,  
118, 113) }
```

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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