

Converting Colors

XYZ(17.5887, 18.6615, 17.4726)

Have a look what the booklet for
XYZ(17.5887, 18.6615, 17.4726)
contains.

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Color

**XYZ(17.5570, 18.6963,
17.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	7A786E
RGB	122, 120, 110
RGB Percent	48%, 47%, 43%
CMY	0.5216, 0.5294, 0.5686
CMYK	0.00, 0.02, 0.10, 0.52
HSL	50°, 5%, 45%
HSV	50°, 10%, 48%
XYZ	17.5570, 18.6963, 17.4352
YIQ	119.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

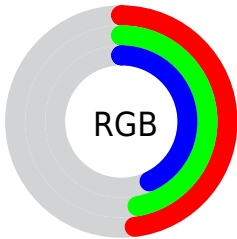
Format	Color
R_{YB}	112, 122, 110
Decimal	8026222
CIE Lab	50.33, -1.15, 5.76
CIE LCh	50, 5.870, 101.282
Yxy	18.6963, 0.3270, 0.3482
Android (android.graphics.Color)	4286216302 (0xFF7A786E)
YUV	119.4580, -4.6628, 2.2293
Hunter-Lab	43.2392, -3.1899, 6.3602

Details

The XYZ color **17.5570, 18.6963, 17.4352** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7374, 16.3082, 20.7310**, and the grayscale version is **17.6936, 18.6151, 20.2718**.

A 20% lighter version of the original color is **38.7297, 41.1124, 40.0766**, and **5.9345, 6.3990, 5.4798** is the 20% darker color. If you saturate the color by 10%, you get **16.6965, 17.9660, 14.0938**, and if you desaturate by 10%, it is **18.5152, 19.4752, 21.2609**.

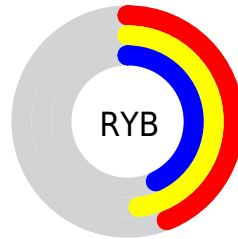
Distribution



Red (48%)

Green (47%)

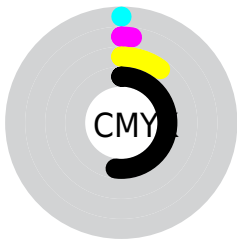
Blue (43%)



Red (44%)

Yellow (48%)

Blue (43%)

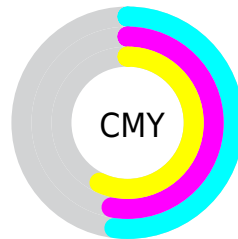


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (52%)



Cyan (52%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5570, 18.6963, 17.4352 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 17.5570, 18.6963, 17.4352 by changing the saturation by 10% instead.

■ 17.5570, 18.6963,
17.4352

■ 17.5570, 18.6963,
17.4352

231.4563,
244.7670, 249.7963

■ 10.7302, 11.4510,
10.3800

■ 38.8170, 41.2203,
39.8734

■ 5.9516, 6.3711,
5.5428

■ 53.9809, 57.2678,
56.0935

■ 2.8561, 3.0720,
2.5049

■ 72.6546, 77.0182,
76.2057

■ 1.0781, 1.1694,
0.8427

■ 95.2033, 100.8558,
100.6284

■ 0.0067, 0.0365,
0.0000

121.9925,
129.1651, 129.7803

■ 0.0000, 0.0000,
0.0000

153.3875,

162.3305, 164.0799

189.7536,
200.7363, 203.9457

■ 17.5570, 18.6963,
17.4352

■ 17.5570, 18.6963,
17.4352

■ 16.6965, 17.9660,
14.0938

■ 18.5152, 19.4752,
21.2609

■ 15.9284, 17.2803,
11.2159

■ 19.5731, 20.3017,
25.5882

■ 15.2492, 16.6383,
8.7810

■ 20.7345, 21.1781,
30.4349

■ 14.6547, 16.0383,
6.7666

■ 22.0027, 22.1055,
35.8176

■ 14.1400, 15.4784,
5.1481

■ 23.3807, 23.0854,
41.7523

■ 13.7002, 14.9564,
3.8987

■ 24.8714, 24.1189,
48.2542

■ 13.3293, 14.4700,
2.9877

■ 26.4776, 25.2072,
55.3380

■ 13.0206, 14.0164,
2.3800

■ 28.2020, 26.3514,
63.0177

■ 12.7515, 13.5865,
1.9561

■ 30.0473, 27.5527,
71.3070

Harmonies

Analogous

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



18.1238, 18.6963, 17.5303



17.5570, 18.6963, 17.4352



17.0579, 18.6963, 18.0912

Triad

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



17.5570, 18.6963, 17.4352



16.9604, 18.6963, 22.4960



18.8272, 18.6963, 21.3797

Complementary

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



17.5570, 18.6963, 17.4352



15.7374, 16.3082, 20.7310

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.



18.5022, 18.6963, 22.8047



17.5570, 18.6963, 17.4352



17.4213, 18.6963, 23.4726

Square

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



17.5570, 18.6963, 17.4352



16.7184, 18.6963, 20.9765



17.9853, 18.6963, 23.5884



18.8654, 18.6963, 19.7500

Rectangle

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



17.5570, 18.6963, 17.4352



16.8276, 18.6963, 18.8878



17.9853, 18.6963, 23.5884



18.7475, 18.6963, 21.9007

Sweetspot

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



17.5575, 18.6971, 17.4356



32.0091, 33.8101, 35.1308



16.5268, 16.4595, 17.6354



7.2910, 7.7081, 7.9206



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.5575, 18.6971, 17.4356



30.5014, 32.5703, 29.1543



17.2455, 18.8967, 17.4906



4.2537, 4.5258, 4.2739



13.4154, 14.2867, 2.0505



63.4589, 67.0812, 9.6033

Inverse Universe

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



15.7374, 16.3082, 20.7310



26.5647, 27.4034, 36.2822



16.0285, 16.1347, 20.6821



3.8466, 3.9915, 5.0109



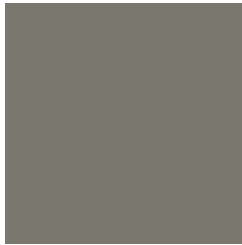
3.9630, 2.0085, 19.5641



18.4711, 8.7148, 93.1784

Previews

White Background



This preview shows how the XYZ color 17.5570, 18.6963, 17.4352 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



This preview shows how the XYZ color 17.5570, 18.6963, 17.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

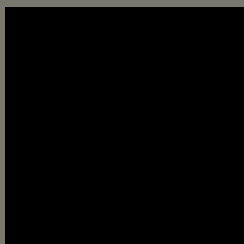
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

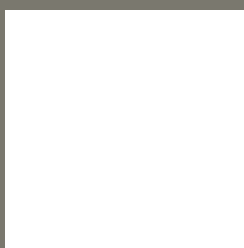
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5570, 18.6963, 17.4352

Background



This preview shows how black text looks on a background with the XYZ color 17.5570, 18.6963, 17.4352.



This preview shows how white text looks on a background with the XYZ color 17.5570, 18.6963,

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

17.5570, 18.6963, 17.4352

Protanopia

17.7235, 18.6045, 17.4088

Deuteranopia

19.1063, 18.7894, 17.6586



Tritanopia

18.6214, 18.7743, 22.7210

Trichromacy



Original Color

17.5570, 18.6963, 17.4352

Protanomaly

17.5797, 18.5304, 17.4020

Deuteranomaly

18.4365, 18.6161, 17.6605

Tritanomaly

18.2164, 18.7851, 20.7549

Monochromacy



Original Color

17.5570, 18.6963, 17.4352

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4949, 18.4477, 19.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5570, 18.6963, 17.4352 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, 120, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 110)  
}
```

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, 120, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.5570, 18.6963, 17.4352 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, 120, 110) }
```


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

```
.border{ border-color:rgb(122, 120, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5570, 18.6963, 17.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 110) }
```

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

```
.background{ background-color: rgb(122,  
120, 110) }
```

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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