

Converting Colors

XYZ(17.3361, 18.0957, 16.8220)

Have a look what the booklet for
XYZ(17.3361, 18.0957, 16.8220)
contains.

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Color

**XYZ(17.2364, 18.0162,
16.7564)**

Conversions

Conversions Part 1

Format	Color
Hex	7B756C
RGB	123, 117, 108
RGB Percent	48%, 46%, 42%
CMY	0.5176, 0.5412, 0.5765
CMYK	0.00, 0.05, 0.12, 0.52
HSL	36°, 6%, 45%
HSV	36°, 12%, 48%
XYZ	17.2364, 18.0162, 16.7564
YIQ	117.7680, 6.4650, -1.5270

Conversions

Conversions Part 2

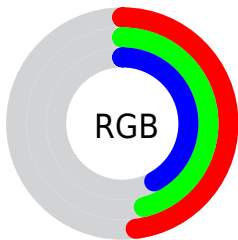
Format	Color
R_{YB}	118, 123, 108
Decimal	8090988
CIE _{Lab}	49.52, 0.62, 5.78
CIE _{LCh}	50, 5.814, 83.905
Yxy	18.0162, 0.3314, 0.3464
Android (android.graphics.Color)	4286281068 (0xFF7B756C)
YUV	117.7680, -4.8156, 4.5885
Hunter-Lab	42.4455, -1.7938, 6.3057

Details

The XYZ color **17.2364, 18.0162, 16.7564** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7768, 16.6525, 21.1217**, and the grayscale version is **17.1609, 18.0546, 19.6614**.

A 20% lighter version of the original color is **38.3505, 40.1092, 38.5215**, and **5.7945, 6.0490, 5.2771** is the 20% darker color. If you saturate the color by 10%, you get **16.0696, 16.6571, 13.3625**, and if you desaturate by 10%, it is **18.5267, 19.4740, 20.6476**.

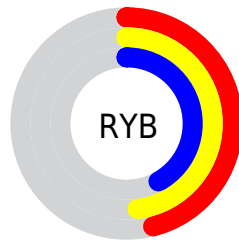
Distribution



Red (48%)

Green (46%)

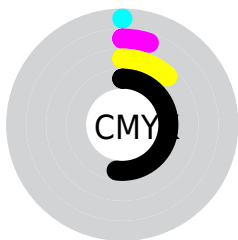
Blue (42%)



Red (46%)

Yellow (48%)

Blue (42%)

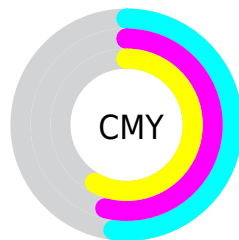


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (52%)



Cyan (52%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2364, 18.0162, 16.7564 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 17.2364, 18.0162, 16.7564 by changing the saturation by 10% instead.

■ 17.2364, 18.0162,
16.7564

■ 17.2364, 18.0162,
16.7564

229.6608,
240.9623, 245.7609

■ 10.4995, 10.9616,
9.9008

■ 38.2722, 40.0649,
38.6914

■ 5.7962, 6.0410,
5.2285

■ 53.3018, 55.8279,
54.6078

■ 2.7610, 2.8700,
2.3209

■ 71.8263, 75.2624,
74.3817

■ 1.0287, 1.0643,
0.7429

■ 94.2112, 98.7529,
98.4315

■ 0.0000, 0.0000,
0.0000

120.8217,
126.6837, 127.1758

152.0232,

159.4393, 161.0331

188.1811,
197.4040, 200.4220

■ 17.2364, 18.0162,
16.7564

■ 17.2364, 18.0162,
16.7564

■ 16.0696, 16.6571,
13.3625

■ 18.5267, 19.4740,
20.6476

■ 15.0204, 15.3920,
10.4443

■ 19.9431, 21.0306,
25.0543

■ 14.0849, 14.2190,
7.9804

■ 21.4900, 22.6890,
29.9949

■ 13.2580, 13.1354,
5.9473

■ 23.1709, 24.4512,
35.4867

■ 12.5345, 12.1383,
4.3191

■ 24.9896, 26.3195,
41.5464

■ 11.9085, 11.2245,
3.0675

■ 26.9492, 28.2958,
48.1896

■ 11.3733, 10.3905,
2.1602

■ 29.0532, 30.3821,
55.4316

■ 10.9212, 9.6325,
1.5593

■ 31.3046, 32.5803,
63.2871

■ 10.6052, 9.0846,
1.1945

■ 33.7065, 34.8922,
71.7702

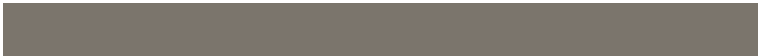
Harmonies

Analogous

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



17.7545, 18.0162, 17.2696



17.2364, 18.0162, 16.7564



16.6989, 18.0162, 16.9758

Triad

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



17.2364, 18.0162, 16.7564



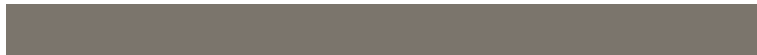
16.1751, 18.0162, 20.8697



17.9927, 18.0162, 21.4556

Complementary

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



17.2364, 18.0162, 16.7564



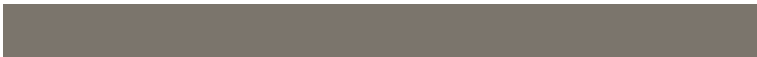
15.7768, 16.6525, 21.1217

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.



17.5560, 18.0162, 22.5179



17.2364, 18.0162, 16.7564



16.5083, 18.0162, 22.1672

Square

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



17.2364, 18.0162, 16.7564



16.0936, 18.0162, 19.2967



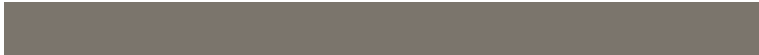
17.0118, 18.0162, 22.7850



18.1971, 18.0162, 19.9399

Rectangle

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



17.2364, 18.0162, 16.7564



16.4009, 18.0162, 17.5143



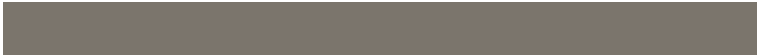
17.0118, 18.0162, 22.7850



17.8678, 18.0162, 21.8807

Sweetspot

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



17.2369, 18.0170, 16.7568



32.7195, 34.3626, 35.5779



16.5684, 16.1512, 18.1641



7.6694, 8.0519, 8.2678



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.



17.2369, 18.0170, 16.7568



30.1798, 31.4721, 27.9830



17.7453, 19.3499, 16.9873



4.1796, 4.3777, 4.2492



10.9656, 9.3871, 1.2339



51.4571, 43.0777, 5.6027

Inverse Universe

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



15.7768, 16.6525, 21.1217



26.9533, 28.4571, 37.6288



15.3063, 15.4385, 20.9122



3.9170, 4.1322, 5.0343



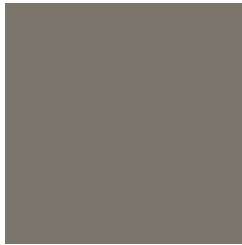
4.8374, 3.7571, 19.8555



22.2898, 16.3523, 94.4513

Previews

White Background



This preview shows how the XYZ color 17.2364, 18.0162, 16.7564 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 17.2364, 18.0162, 16.7564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

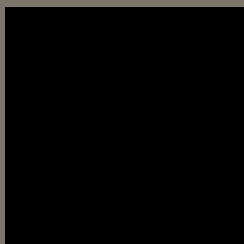
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

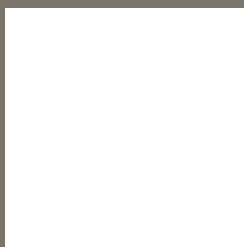
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2364, 18.0162, 16.7564

Background



This preview shows how black text looks on a background with the XYZ color 17.2364, 18.0162, 16.7564.

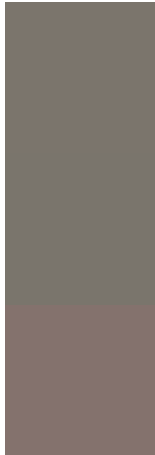


This preview shows how white text looks on a background with the XYZ color 17.2364, 18.0162,

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

17.2364, 18.0162, 16.7564

Protanopia

17.0941, 17.9429, 16.7497

Deuteranopia

18.2934, 18.0443, 16.9867



Tritanopia

18.2263, 18.0767, 21.5973

Trichromacy



Original Color

17.2364, 18.0162, 16.7564

Protanomaly

17.0941, 17.9429, 16.7497

Deuteranomaly

17.9443, 18.0327, 17.0029

Tritanomaly

17.8276, 18.0839, 19.6905

Monochromacy



Original Color

17.2364, 18.0162, 16.7564

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2614, 18.1648, 18.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2364, 18.0162, 16.7564 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(123, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(123, 117, 108)  
}
```

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(123, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 117, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.2364, 18.0162, 16.7564 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(123, 117, 108) }
```


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

```
.border{ border-color:rgb(123, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(123, 117,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2364, 18.0162, 16.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 117, 108) }
```

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

```
.background{ background-color: rgb(123,  
117, 108) }
```

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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