

Converting Colors

XYZ(17.7323, 16.7297, 17.1278)

Have a look what the booklet for
XYZ(17.7323, 16.7297, 17.1278)
contains.

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Color

**XYZ(17.6928, 16.7564,
17.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	846C6E
RGB	132, 108, 110
RGB Percent	52%, 42%, 43%
CMY	0.4823, 0.5765, 0.5686
CMYK	0.00, 0.18, 0.17, 0.48
HSL	355°, 10%, 47%
HSV	355°, 18%, 52%
XYZ	17.6928, 16.7564, 17.0537
YIQ	115.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

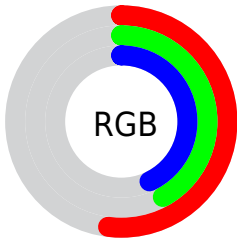
Format	Color
R_{YB}	132, 108, 110
Decimal	8678510
CIE Lab	47.95, 9.84, 2.45
CIE LCh	48, 10.137, 14.008
Yxy	16.7564, 0.3435, 0.3253
Android (android.graphics.Color)	4286868590 (0xFF846C6E)
YUV	115.4040, -2.6642, 14.5547
Hunter-Lab	40.9346, 5.5160, 3.9535

Details

The XYZ color **17.6928, 16.7564, 17.0537** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4655, 21.3029, 24.2587**, and the grayscale version is **16.4237, 17.2790, 18.8169**.

A 20% lighter version of the original color is **38.9273, 37.7192, 39.4113**, and **6.0456, 5.4902, 5.4437** is the 20% darker color. If you saturate the color by 10%, you get **15.7902, 13.9345, 13.3879**, and if you desaturate by 10%, it is **19.8971, 20.0374, 21.2644**.

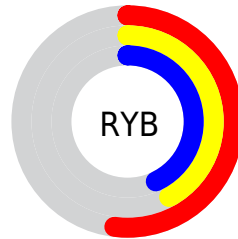
Distribution



Red (52%)

Green (42%)

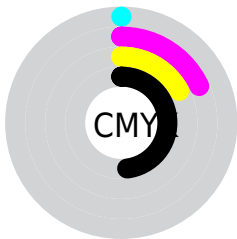
Blue (43%)



Red (52%)

Yellow (42%)

Blue (43%)

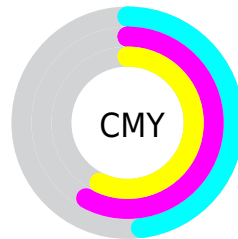


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6928, 16.7564, 17.0537 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 17.6928, 16.7564, 17.0537 by changing the saturation by 10% instead.

■ 17.6928, 16.7564,
17.0537

■ 17.6928, 16.7564,
17.0537

232.2130,
233.7646, 247.5361

■ 10.8280, 10.0610,
10.1104

■ 39.0474, 37.9065,
39.2100

■ 6.0177, 5.4394,
5.3657

■ 54.2678, 53.1299,
55.2601

■ 2.8966, 2.5073,
2.4009

■ 73.0043, 71.9648,
75.1829

■ 1.0993, 0.8803,
0.7869

■ 95.6220, 94.7955,
99.3969

■ 0.0246, 0.0000,
0.0000

122.4864,
122.0064, 128.3207

■ 0.0000, 0.0000,
0.0000

153.9628,

153.9820, 162.3728

190.4165,
191.1066, 201.9717

■ 17.6928, 16.7564,
17.0537

■ 17.6928, 16.7564,
17.0537

■ 15.7902, 13.9345,
13.3879

■ 19.8971, 20.0374,
21.2644

■ 14.1749, 11.5491,
10.2438

■ 22.4140, 23.7944,
26.0400

■ 12.8333, 9.5791,
7.5979

■ 25.2556, 28.0459,
31.4006

■ 11.7502, 8.0007,
5.4246

■ 28.4329, 32.8092,
37.3652

■ 10.9088, 6.7877,
3.6961

■ 31.9563, 38.1005,
43.9516

■ 10.2906, 5.9107,
2.3815

■ 35.8358, 43.9352,
51.1773

■ 9.8740, 5.3360,
1.4459

■ 40.0811, 50.3283,
59.0588

■ 9.6158, 4.9873,
0.8432

■ 44.7014, 57.2940,
67.6122

■ 9.5762, 4.9298,
0.7631

■ 49.7057, 64.8462,
76.8528

Harmonies

Analogous

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



17.6759, 16.7564, 19.6666



17.6928, 16.7564, 17.0537



17.2239, 16.7564, 14.9673

Triad

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



17.6928, 16.7564, 17.0537



14.7366, 16.7564, 14.8597



15.4473, 16.7564, 23.5223

Complementary

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



17.6928, 16.7564, 17.0537



18.4655, 21.3029, 24.2587

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.



14.6959, 16.7564, 21.9690



17.6928, 16.7564, 17.0537



14.2964, 16.7564, 16.8934

Square

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



17.6928, 16.7564, 17.0537



15.5049, 16.7564, 13.7850



14.2818, 16.7564, 19.4903



16.3556, 16.7564, 23.5757

Rectangle

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



17.6928, 16.7564, 17.0537



16.7089, 16.7564, 14.0852



14.2818, 16.7564, 19.4903



15.1688, 16.7564, 23.1520

Sweetspot

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



17.6933, 16.7572, 17.0541



36.3490, 37.2352, 39.9305



18.7339, 17.1376, 24.1507



8.4025, 8.5791, 9.1820



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6933, 16.7572, 17.0541



29.6574, 27.2770, 27.1410



18.7015, 18.9457, 16.8594



4.6872, 4.6945, 4.9649



9.2730, 4.7735, 0.7441



0.0331, 0.0169, 0.0076

Inverse Universe

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



17.6933, 16.7572, 17.0541



29.6574, 27.2770, 27.1410



17.3094, 18.7738, 24.5415



4.6872, 4.6945, 4.9649



9.2730, 4.7735, 0.7441



0.0331, 0.0169, 0.0076

Previews

White Background



This preview shows how the XYZ color 17.6928, 16.7564, 17.0537 looks on a white background.

Color Contrast Check

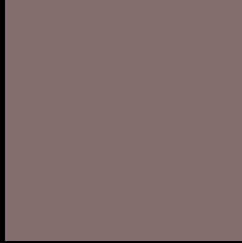
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6928, 16.7564, 17.0537 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 17.6928, 16.7564, 17.0537

Background



This preview shows how black text looks on a background with the XYZ color 17.6928, 16.7564, 17.0537.



This preview shows how white text looks on a background with the XYZ color 17.6928, 16.7564,

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

17.6928, 16.7564, 17.0537

Protanopia

16.0882, 16.7155, 18.0013

Deuteranopia

17.1428, 16.7897, 17.0891



Tritanopia

18.0251, 16.7397, 18.5007

Trichromacy



Original Color

17.6928, 16.7564, 17.0537

Protanomaly

16.6351, 16.6763, 17.6713

Deuteranomaly

17.3364, 16.7302, 17.0674

Tritanomaly

17.9112, 16.6942, 17.9011

Monochromacy



Original Color

17.6928, 16.7564, 17.0537

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6600, 16.8455, 17.9962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6928, 16.7564, 17.0537 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(132, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(132, 108, 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(132, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.6928, 16.7564, 17.0537 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(132, 108, 110) }
```


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

```
.border{ border-color:rgb(132, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(132, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6928, 16.7564, 17.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 108, 110) }
```

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

```
.background{ background-color: rgb(132,  
108, 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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