

Converting Colors

XYZ(17.4986, 16.9045, 17.3254)

Have a look what the booklet for
XYZ(17.4986, 16.9045, 17.3254)
contains.

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Color

**XYZ(17.4984, 16.9667,
17.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	816E6F
RGB	129, 110, 111
RGB Percent	51%, 43%, 44%
CMY	0.4941, 0.5686, 0.5647
CMYK	0.00, 0.15, 0.14, 0.49
HSL	357°, 8%, 47%
HSV	357°, 15%, 51%
XYZ	17.4984, 16.9667, 17.3916
YIQ	115.7950, 11.0030, 4.3390

Conversions

Conversions Part 2

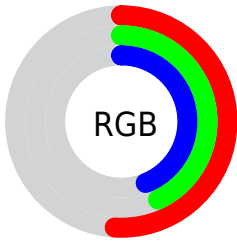
Format	Color
R_{YB}	129, 110, 111
Decimal	8482415
CIE Lab	48.22, 7.64, 2.21
CIE LCh	48, 7.950, 16.109
Yxy	16.9667, 0.3374, 0.3272
Android (android.graphics.Color)	4286672495 (0xFF816E6F)
YUV	115.7950, -2.3639, 11.5808
Hunter-Lab	41.1907, 3.7458, 3.7999

Details

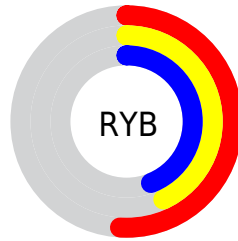
The XYZ color **17.4984, 16.9667, 17.3916** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1776, 20.5743, 23.4361**, and the grayscale version is **16.5427, 17.4043, 18.9532**.

A 20% lighter version of the original color is **38.8226, 38.4301, 40.0219**, and **5.9281, 5.5096, 5.4536** is the 20% darker color. If you saturate the color by 10%, you get **15.5791, 14.1323, 13.6556**, and if you desaturate by 10%, it is **19.7134, 20.2448, 21.6810**.

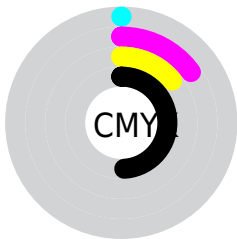
Distribution



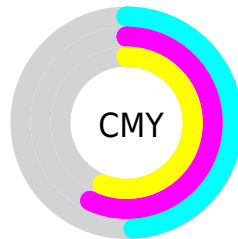
- Red (51%)
- Green (43%)
- Blue (44%)



- Red (51%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4984, 16.9667, 17.3916 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 17.4984, 16.9667, 17.3916 by changing the saturation by 10% instead.

■ 17.4984, 16.9667,
17.3916

■ 17.4984, 16.9667,
17.3916

231.1290,
234.9804, 249.5390

■ 10.6880, 10.2108,
10.3492

■ 38.7176, 38.2685,
39.7977

■ 5.9232, 5.5389,
5.5225

■ 53.8570, 53.5832,
55.9984

■ 2.8386, 2.5668,
2.4929

■ 72.5035, 72.5195,
76.0891

■ 1.0690, 0.9100,
0.8364

■ 95.0224, 95.4619,
100.4881

■ 0.0000, 0.0000,
0.0000

121.7790,
122.7949, 129.6140

153.1388,

154.9026, 163.8855

189.4670,
192.1697, 203.7209

■ 17.4984, 16.9667,
17.3916

■ 17.4984, 16.9667,
17.3916

■ 15.5791, 14.1323,
13.6556

■ 19.7134, 20.2448,
21.6810

■ 13.9416, 11.7203,
10.4494

■ 22.2344, 23.9820,
26.5438

■ 12.5731, 9.7112,
7.7493

■ 25.0730, 28.1960,
32.0006

■ 11.4593, 8.0831,
5.5296

■ 28.2395, 32.9026,
38.0704

■ 10.5843, 6.8119,
3.7619

■ 31.7441, 38.1171,
44.7715

■ 9.9307, 5.8707,
2.4153

■ 35.5964, 43.8541,
52.1213

■ 9.4785, 5.2292,
1.4547

■ 39.8055, 50.1275,
60.1366

■ 9.2012, 4.8445,
0.8384

■ 44.3804, 56.9507,
68.8337

■ 9.0904, 4.6820,
0.6191

■ 49.3296, 64.3369,
78.2282

Harmonies

Analogous

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



17.5131, 16.9667, 19.4457



17.4984, 16.9667, 17.3916



17.1089, 16.9667, 15.7520

Triad

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



17.4984, 16.9667, 17.3916



15.1456, 16.9667, 15.8501



15.7951, 16.9667, 22.6122

Complementary

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



17.4984, 16.9667, 17.3916



18.1776, 20.5743, 23.4361

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.



15.1821, 16.9667, 21.4925



17.4984, 16.9667, 17.3916



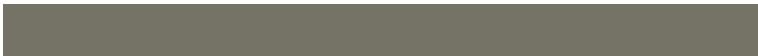
14.8148, 16.9667, 17.5349

Square

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



17.4984, 16.9667, 17.3916



15.7439, 16.9667, 14.9085



14.8279, 16.9667, 19.6001



16.5149, 16.9667, 22.5667

Rectangle

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



17.4984, 16.9667, 17.3916



16.6956, 16.9667, 15.0692



14.8279, 16.9667, 19.6001



15.5701, 16.9667, 22.3562

Sweetspot

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



17.4989, 16.9675, 17.3920



35.5714, 36.6524, 39.3456



18.4008, 17.3062, 23.1395



7.9881, 8.2023, 8.7833



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.



17.4989, 16.9675, 17.3920



30.0057, 28.4181, 28.5591



18.3741, 18.8054, 17.4142



4.3362, 4.3476, 4.5750



8.8637, 4.5652, 0.6063



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4989, 16.9675, 17.3920



30.0057, 28.4181, 28.5591



17.2025, 18.5187, 23.4367



4.3362, 4.3476, 4.5750



8.8637, 4.5652, 0.6063



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4984, 16.9667, 17.3916 looks on a white background.

Color Contrast Check

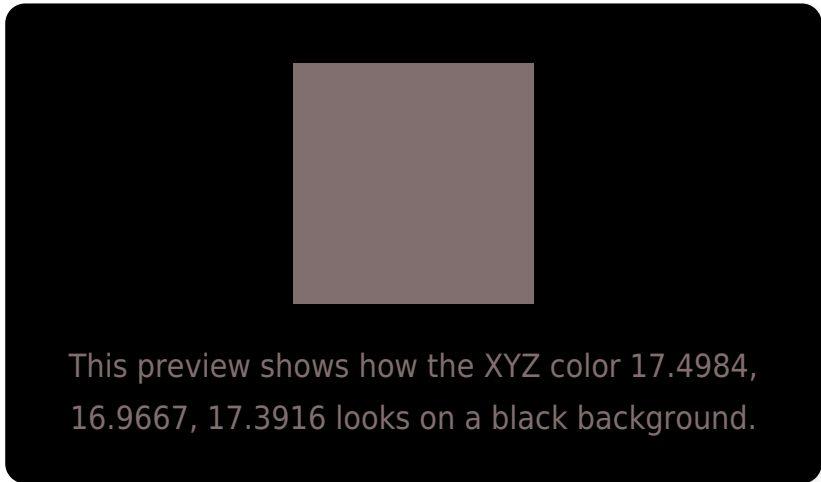
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.4984, 16.9667, 17.3916

Background



This preview shows how black text looks on a background with the XYZ color 17.4984, 16.9667, 17.3916.



This preview shows how white text looks on a background with the XYZ color 17.4984, 16.9667,

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

17.4984, 16.9667, 17.3916

Protanopia

16.3341, 17.0088, 18.0449

Deuteranopia

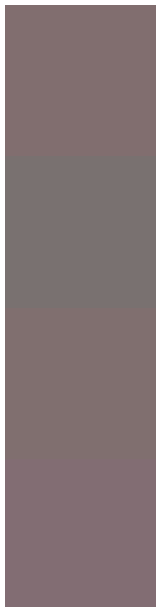
17.3061, 17.0286, 17.4136



Tritanopia

17.8854, 16.9675, 19.1620

Trichromacy



Original Color

17.4984, 16.9667, 17.3916

Protanomaly

16.7149, 17.0451, 17.7383

Deuteranomaly

17.4558, 17.1058, 17.4207

Tritanomaly

17.7691, 16.9209, 18.5492

Monochromacy



Original Color

17.4984, 16.9667, 17.3916

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9397, 17.3145, 18.3688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4984, 16.9667, 17.3916 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(129, 110, 111)` looks like.

```
.text, #text, p{  
    color:rgb(129, 110, 111)  
}
```

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(129, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 110, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.4984, 16.9667, 17.3916 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(129, 110, 111) }
```


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

```
.border{ border-color:rgb(129, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(129, 110,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4984, 16.9667, 17.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 110, 111) }
```

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

```
.background{ background-color: rgb(129,  
110, 111) }
```

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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