

Converting Colors

XYZ(16.8623, 16.4698, 17.7824)

Have a look what the booklet for
XYZ(16.8623, 16.4698, 17.7824)
contains.

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Color

**XYZ(16.9067, 16.4895,
17.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6D71
RGB	125, 109, 113
RGB Percent	49%, 43%, 44%
CMY	0.5098, 0.5725, 0.5569
CMYK	0.00, 0.13, 0.10, 0.51
HSL	345°, 7%, 46%
HSV	345°, 13%, 49%
XYZ	16.9067, 16.4895, 17.9145
YIQ	114.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

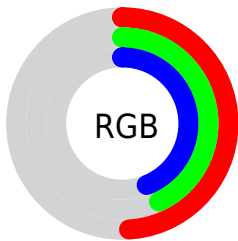
Format	Color
R_{YB}	125, 109, 113
Decimal	8220017
CIE Lab	47.61, 7.01, 0.08
CIE LCh	48, 7.015, 0.662
Yxy	16.4895, 0.3295, 0.3214
Android (android.graphics.Color)	4286410097 (0xFF7D6D71)
YUV	114.2400, -0.6113, 9.4365
Hunter-Lab	40.6073, 3.2552, 2.2684

Details

The XYZ color **16.9067, 16.4895, 17.9145** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0921, 19.2993, 20.9143**, and the grayscale version is **16.0667, 16.9034, 18.4078**.

A 20% lighter version of the original color is **37.7224, 37.3232, 40.8132**, and **5.6573, 5.3634, 5.7381** is the 20% darker color. If you saturate the color by 10%, you get **15.1661, 13.8097, 14.8631**, and if you desaturate by 10%, it is **18.8925, 19.5719, 21.3171**.

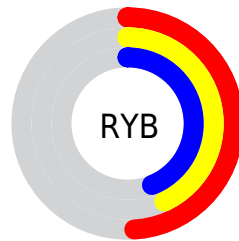
Distribution



Red (49%)

Green (43%)

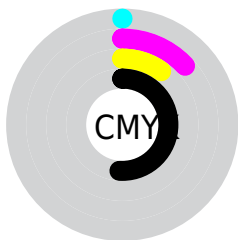
Blue (44%)



Red (49%)

Yellow (43%)

Blue (44%)

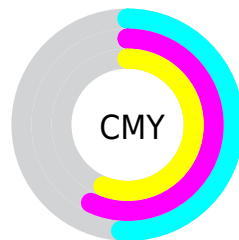


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9067, 16.4895, 17.9145 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 16.9067, 16.4895, 17.9145 by changing the saturation by 10% instead.

■ 16.9067, 16.4895,
17.9145

■ 16.9067, 16.4895,
17.9145

227.8009,
232.2131, 252.6086

■ 10.2629, 9.8712,
10.7198

■ 37.7102, 37.4459,
40.7036

■ 5.6372, 5.3136,
5.7670

■ 52.6005, 52.5529,
57.1350

■ 2.6643, 2.4324,
2.6374

■ 70.9704, 71.2581,
77.4824

■ 0.9788, 0.8425,
0.9117

■ 93.1853, 93.9461,
102.1644

■ 0.0000, 0.0000,
0.0000

119.6104,
121.0012, 131.5995

150.6111,

152.8078, 166.2062

186.5528,
189.7503, 206.4030

■ 16.9067, 16.4895,
17.9145

■ 16.9067, 16.4895,
17.9145

■ 15.1661, 13.8097,
14.8631

■ 18.8925, 19.5719,
21.3171

■ 13.6596, 11.5137,
12.1506

■ 21.1311, 23.0703,
25.0807

■ 12.3775, 9.5846,
9.7653

■ 23.6315, 27.0002,
29.2160

■ 11.3087, 8.0031,
7.6946

■ 26.4021, 31.3758,
33.7329

■ 10.4412, 6.7483,
5.9249

■ 29.4506, 36.2103,
38.6409

■ 9.7617, 5.7971,
4.4418

■ 32.7845, 41.5167,
43.9492

■ 9.2555, 5.1232,
3.2293

■ 36.4110, 47.3073,
49.6667

■ 8.9049, 4.6953,
2.2698

■ 40.3372, 53.5940,
55.8021

■ 8.7080, 4.4602,
1.7147

■ 44.5697, 60.3882,
62.3636

Harmonies

Analogous

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



16.7450, 16.4895, 19.6957



16.9067, 16.4895, 17.9145



16.7305, 16.4895, 16.2540

Triad

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



16.9067, 16.4895, 17.9145



15.0673, 16.4895, 15.1508



15.0907, 16.4895, 21.1282

Complementary

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



16.9067, 16.4895, 17.9145



17.0921, 19.2993, 20.9143

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.



14.6606, 16.4895, 19.7691



16.9067, 16.4895, 17.9145



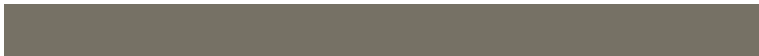
14.6473, 16.4895, 16.3186

Square

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



16.9067, 16.4895, 17.9145



15.6589, 16.4895, 14.7249



14.5004, 16.4895, 17.9941



15.6867, 16.4895, 21.6243

Rectangle

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



16.9067, 16.4895, 17.9145



16.4478, 16.4895, 15.4193



14.5004, 16.4895, 17.9941



14.9225, 16.4895, 20.7528

Sweetspot

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



16.9072, 16.4902, 17.9149



33.3445, 34.2898, 37.3460



17.0560, 16.4837, 21.6849



7.5300, 7.7146, 8.4018



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.



16.9072, 16.4902, 17.9149



29.4357, 28.2312, 30.6201



17.1234, 17.2750, 16.9008



4.3685, 4.3605, 4.7448



9.0859, 4.6540, 1.7761



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9072, 16.4902, 17.9149



29.4357, 28.2312, 30.6201



16.8463, 18.4071, 22.0672



4.3685, 4.3605, 4.7448



9.0859, 4.6540, 1.7761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9067, 16.4895, 17.9145 looks on a white background.

Color Contrast Check

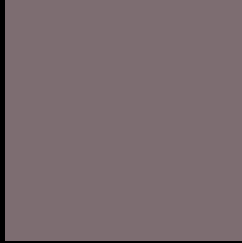
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9067, 16.4895, 17.9145 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 16.9067, 16.4895, 17.9145

Background



This preview shows how black text looks on a background with the XYZ color 16.9067, 16.4895, 17.9145.



This preview shows how white text looks on a background with the XYZ color 16.9067, 16.4895,

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

16.9067, 16.4895, 17.9145

Protanopia

15.8281, 16.4036, 18.5516

Deuteranopia

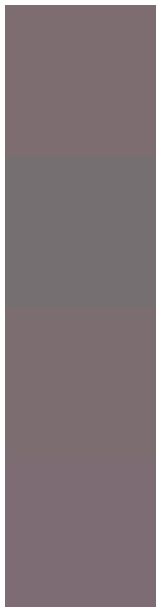
16.7615, 16.4146, 17.9077



Tritanopia

17.1776, 16.4451, 19.0985

Trichromacy



Original Color

16.9067, 16.4895, 17.9145

Protanomaly

16.1929, 16.4353, 18.2385

Deuteranomaly

16.7615, 16.4146, 17.9077

Tritanomaly

17.1191, 16.4217, 18.7904

Monochromacy



Original Color

16.9067, 16.4895, 17.9145

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3026, 16.6548, 18.2750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9067, 16.4895, 17.9145 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(125, 109, 113) looks like.

```
.text, #text, p{  
    color:rgb(125, 109, 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(125, 109, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 109, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.9067, 16.4895, 17.9145 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(125, 109, 113) }
```


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

```
.border{ border-color:rgb(125, 109, 113) }
```

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

Here you see how a box with a 4 pixel rgb(125, 109, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 109, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 109, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 109,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9067, 16.4895, 17.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 109, 113) }
```

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

```
.background{ background-color: rgb(125,  
109, 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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