

Converting Colors

XYZ(16.4921, 15.9196, 17.6996)

Have a look what the booklet for
XYZ(16.4921, 15.9196, 17.6996)
contains.

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Color

**XYZ(16.5505, 15.9927,
17.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6B71
RGB	124, 107, 113
RGB Percent	49%, 42%, 44%
CMY	0.5137, 0.5804, 0.5569
CMYK	0.00, 0.14, 0.09, 0.51
HSL	339°, 7%, 45%
HSV	339°, 14%, 49%
XYZ	16.5505, 15.9927, 17.8374
YIQ	112.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

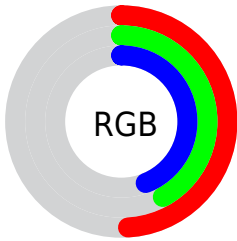
Format	Color
R_YB	124, 107, 113
Decimal	8153969
CIE Lab	46.96, 7.81, -0.87
CIE LCh	47, 7.856, 353.611
Yxy	15.9927, 0.3285, 0.3174
Android (android.graphics.Color)	4286344049 (0xFF7C6B71)
YUV	112.7670, 0.1149, 9.8513
Hunter-Lab	39.9909, 3.8894, 1.5481

Details

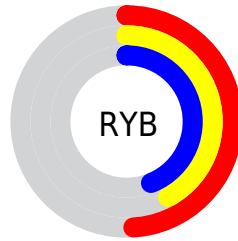
The XYZ color **16.5505, 15.9927, 17.8374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5417, 18.8495, 19.9069**, and the grayscale version is **15.6253, 16.4391, 17.9021**.

A 20% lighter version of the original color is **37.1499, 36.5174, 40.6879**, and **5.4716, 5.1092, 5.6988** is the 20% darker color. If you saturate the color by 10%, you get **14.9174, 13.4176, 15.1619**, and if you desaturate by 10%, it is **18.4099, 18.9560, 20.7859**.

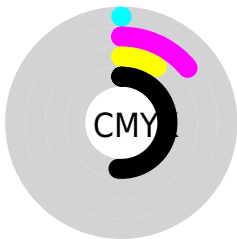
Distribution



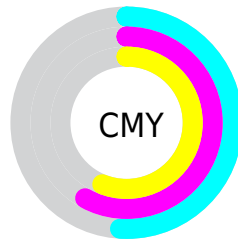
- Red (49%)
- Green (42%)
- Blue (44%)



- Red (49%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5505, 15.9927, 17.8374 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 16.5505, 15.9927, 17.8374 by changing the saturation by 10% instead.

■ 16.5505, 15.9927,
17.8374

■ 16.5505, 15.9927,
17.8374

225.7756,
229.2986, 252.1582

■ 10.0078, 9.5190,
10.6651

■ 37.1011, 36.5855,
40.5703

■ 5.4665, 5.0812,
5.7308

■ 51.8397, 51.4734,
56.9679

■ 2.5610, 2.2950,
2.6159

■ 70.0410, 69.9349,
77.2777

■ 0.9261, 0.7711,
0.9007

■ 92.0704, 92.3542,
101.9182

■ 0.0000, 0.0000,
0.0000

118.2932,
119.1159, 131.3079

149.0748,

150.6042, 165.8655

184.7805,
187.2037, 206.0094

■ 16.5505, 15.9927,
17.8374

■ 16.5505, 15.9927,
17.8374

■ 14.9174, 13.4176,
15.1619

■ 18.4099, 18.9560,
20.7859

■ 13.5003, 11.2125,
12.7502

■ 20.5026, 22.3206,
24.0140

■ 12.2902, 9.3609,
10.5943

■ 22.8370, 26.1015,
27.5293

■ 11.2769, 7.8440,
8.6852

■ 25.4207, 30.3124,
31.3391

■ 10.4493, 6.6415,
7.0134

■ 28.2608, 34.9663,
35.4501

■ 9.7951, 5.7309,
5.5688

■ 31.3643, 40.0756,
39.8689

■ 9.3003, 5.0863,
4.3402

■ 34.7379, 45.6523,
44.6019

■ 8.9472, 4.6746,
3.3149

■ 38.3880, 51.7079,
49.6553

■ 8.7623, 4.4651,
2.7589

■ 42.3208, 58.2537,
55.0351

Harmonies

Analogous

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



16.2882, 15.9927, 19.7538



16.5505, 15.9927, 17.8374



16.4425, 15.9927, 15.9426

Triad

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



16.5505, 15.9927, 17.8374



14.6780, 15.9927, 14.1740



14.4308, 15.9927, 20.6373

Complementary

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



16.5505, 15.9927, 17.8374



16.5417, 18.8495, 19.9069

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.



14.0229, 15.9927, 18.9718



16.5505, 15.9927, 17.8374



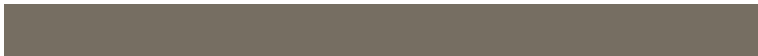
14.1625, 15.9927, 15.2655

Square

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



16.5505, 15.9927, 17.8374



15.3479, 15.9927, 13.9201



13.9261, 15.9927, 16.9960



15.0542, 15.9927, 21.4470

Rectangle

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



16.5505, 15.9927, 17.8374



16.1765, 15.9927, 14.9337



13.9261, 15.9927, 16.9960



14.2647, 15.9927, 20.1532

Sweetspot

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



16.5510, 15.9934, 17.8377



32.2626, 33.1430, 36.3680



16.3359, 15.8066, 21.2590



7.5452, 7.7207, 8.4820



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.



16.5510, 15.9934, 17.8377



28.3192, 26.8677, 30.0854



16.4637, 16.3416, 16.1972



4.0513, 4.0362, 4.4678



8.9065, 4.5387, 2.7985



42.1146, 21.5022, 11.3997

Inverse Universe

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



16.5510, 15.9934, 17.8377



28.3192, 26.8677, 30.0854



16.6288, 18.4351, 21.7509



4.0513, 4.0362, 4.4678



8.9065, 4.5387, 2.7985



42.1146, 21.5022, 11.3997

Previews

White Background



This preview shows how the XYZ color 16.5505, 15.9927, 17.8374 looks on a white background.

Color Contrast Check

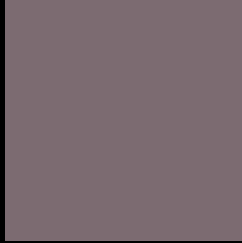
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5505, 15.9927, 17.8374 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 16.5505, 15.9927, 17.8374

Background



This preview shows how black text looks on a background with the XYZ color 16.5505, 15.9927, 17.8374.



This preview shows how white text looks on a background with the XYZ color 16.5505, 15.9927,

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

16.5505, 15.9927, 17.8374

Protanopia

15.4610, 16.0514, 18.5030

Deuteranopia

16.3692, 16.0550, 17.8589



Tritanopia

16.6644, 16.0383, 18.4370

Trichromacy



Original Color

16.5505, 15.9927, 17.8374

Protanomaly

15.8157, 16.0798, 18.1897

Deuteranomaly

16.5116, 16.1283, 17.8656

Tritanomaly

16.6071, 16.0154, 18.1356

Monochromacy



Original Color

16.5505, 15.9927, 17.8374

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0012, 16.3430, 17.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5505, 15.9927, 17.8374 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(124, 107, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 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(124, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.5505, 15.9927, 17.8374 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(124, 107, 113) }
```


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

```
.border{ border-color:rgb(124, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5505, 15.9927, 17.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 113) }
```

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

```
.background{ background-color: rgb(124,  
107, 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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