

Converting Colors

XYZ(15.4234, 17.7821, 17.0874)

Have a look what the booklet for
XYZ(15.4234, 17.7821, 17.0874)
contains.

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Color

**XYZ(15.4234, 17.7821,
17.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	69796D
RGB	105, 121, 109
RGB Percent	41%, 47%, 43%
CMY	0.5882, 0.5255, 0.5725
CMYK	0.13, 0.00, 0.10, 0.53
HSL	135°, 7%, 44%
HSV	135°, 13%, 47%
XYZ	15.4234, 17.7821, 17.0874
YIQ	114.8480, -5.6840, -7.1240

Conversions

Conversions Part 2

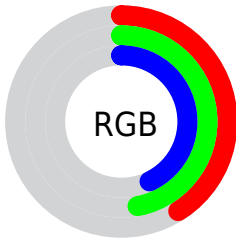
Format	Color
RYB	105, 118, 121
Decimal	6912365
CIELab	49.23, -8.45, 4.59
CIELCh	49, 9.613, 151.490
Yxy	17.7821, 0.3067, 0.3536
Android (android.graphics.Color)	4285102445 (0xFF69796D)
YUV	114.8480, -2.8831, -8.6367
Hunter-Lab	42.1688, -8.5084, 5.4930

Details

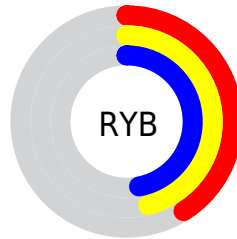
The XYZ color **15.4234, 17.7821, 17.0874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1483, 15.4529, 18.9621**, and the grayscale version is **16.2597, 17.1065, 18.6290**.

A 20% lighter version of the original color is **34.9990, 39.4931, 39.0360**, and **4.9318, 5.8821, 5.4328** is the 20% darker color. If you saturate the color by 10%, you get **13.6385, 16.9160, 14.5840**, and if you desaturate by 10%, it is **17.4620, 18.7741, 19.8668**.

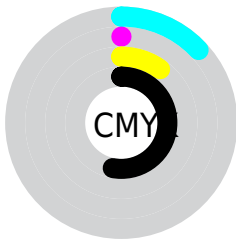
Distribution



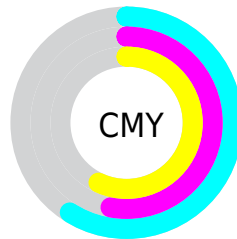
- Red (41%)
- Green (47%)
- Blue (43%)



- Red (41%)
- Yellow (46%)
- Blue (47%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (59%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4234, 17.7821, 17.0874 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 15.4234, 17.7821, 17.0874 by changing the saturation by 10% instead.

■ 15.4234, 17.7821,
17.0874

■ 15.4234, 17.7821,
17.0874

219.2528,
239.6400, 247.7365

■ 9.2053, 10.7937,
10.1342

■ 35.1598, 39.6657,
39.2687

■ 4.9335, 5.9283,
5.3813

■ 49.4089, 55.3296,
55.3339

■ 2.2427, 2.8015,
2.4100

■ 67.0657, 74.6542,
75.2735

■ 0.7651, 1.0290,
0.7919

■ 88.4956, 98.0237,
99.5060

■ 0.0000, 0.0000,
0.0000

114.0638,
125.8227, 128.4501

144.1359,

158.4354, 162.5241

179.0771,
196.2464, 202.1468

■ 15.4234, 17.7821,
17.0874

■ 15.4234, 17.7821,
17.0874

■ 13.6385, 16.9160,
14.5840

■ 17.4620, 18.7741,
19.8668

■ 12.0958, 16.1687,
12.3470

■ 19.7623, 19.8946,
22.9292

■ 10.7851, 15.5354,
10.3679

■ 22.3337, 21.1487,
26.2825

■ 9.6950, 15.0106,
8.6374

■ 25.1849, 22.5406,
29.9342

■ 8.8127, 14.5879,
7.1457

■ 28.3238, 24.0744,
33.8915

■ 8.1246, 14.2604,
5.8822

■ 31.7584, 25.7541,
38.1614

■ 7.6151, 14.0204,
4.8354

■ 35.4962, 27.5833,
42.7504

■ 7.2648, 13.8581,
3.9930

■ 39.5444, 29.5656,
47.6650

■ 7.0752, 13.7704,
3.5299

■ 43.9100, 31.7046,
52.9117

Harmonies

Analogous

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



16.0120, 17.7821, 15.4293



15.4234, 17.7821, 17.0874



15.2270, 17.7821, 19.4910

Triad

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



15.4234, 17.7821, 17.0874



16.9465, 17.7821, 24.7606



18.4231, 17.7821, 16.8825

Complementary

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



15.4234, 17.7821, 17.0874



16.1483, 15.4529, 18.9621

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.



18.6941, 17.7821, 19.2329



15.4234, 17.7821, 17.0874



17.8231, 17.7821, 23.9111

Square

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



15.4234, 17.7821, 17.0874



16.0874, 17.7821, 24.0600



18.4708, 17.7821, 21.8293



17.7423, 17.7821, 15.3186

Rectangle

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



15.4234, 17.7821, 17.0874



15.3392, 17.7821, 21.2379



18.4708, 17.7821, 21.8293



18.5662, 17.7821, 17.5993

Sweetspot

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



15.4239, 17.7829, 17.0878



30.9302, 33.4534, 35.1187



16.7599, 18.4959, 16.0516



7.0164, 7.6220, 7.9545



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.4239, 17.7829, 17.0878



26.5554, 31.3263, 29.1218



15.8589, 17.9568, 19.3784



3.9882, 4.4649, 4.4717



7.5777, 14.7547, 3.7611



35.8520, 70.2638, 16.3907

Inverse Universe

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



16.1483, 15.4529, 18.9621



28.1302, 26.2604, 33.1961



15.7120, 15.2784, 16.6647



4.1137, 4.0612, 4.7965



10.4578, 5.1593, 10.9677



49.5309, 24.4687, 50.4531

Previews

White Background



This preview shows how the XYZ color 15.4234, 17.7821, 17.0874 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 15.4234, 17.7821, 17.0874 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

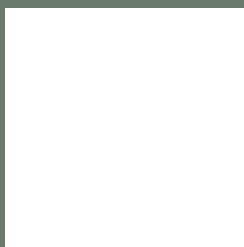
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4234, 17.7821, 17.0874

Background



This preview shows how black text looks on a background with the XYZ color 15.4234, 17.7821, 17.0874.

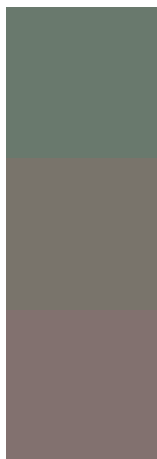


This preview shows how white text looks on a background with the XYZ color 15.4234, 17.7821,

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

15.4234, 17.7821, 17.0874

Protanopia

16.7844, 17.6173, 16.4258

Deuteranopia

17.9803, 17.7038, 17.5084



Tritanopia

16.5591, 17.7035, 22.9664

Trichromacy



Original Color

15.4234, 17.7821, 17.0874

Protanomaly

16.2554, 17.6844, 16.7440

Deuteranomaly

16.9450, 17.6815, 17.2716

Tritanomaly

16.1114, 17.6999, 20.6564

Monochromacy



Original Color

15.4234, 17.7821, 17.0874

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8975, 17.2943, 18.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4234, 17.7821, 17.0874 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(105, 121, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 121, 109)  
}
```

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(105, 121, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 121, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.4234, 17.7821, 17.0874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

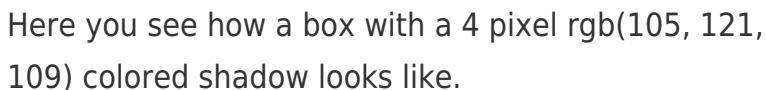
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 121, 109) }
```


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

```
.border{ border-color:rgb(105, 121, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 121, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 121, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 121, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 121,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4234, 17.7821, 17.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 121, 109) }
```

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

```
.background{ background-color: rgb(105,  
121, 109) }
```

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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