

Converting Colors

XYZ(14.8060, 15.4603, 17.4070)

Have a look what the booklet for
XYZ(14.8060, 15.4603, 17.4070)
contains.

XYZ(14.8237, 15.4221, 17.5247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8237, 15.4221,
17.5247)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D70
RGB	110, 109, 112
RGB Percent	43%, 43%, 44%
CMY	0.5686, 0.5725, 0.5608
CMYK	0.02, 0.03, 0.00, 0.56
HSL	260°, 1%, 43%
HSV	260°, 3%, 44%
XYZ	14.8237, 15.4221, 17.5247
YIQ	109.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

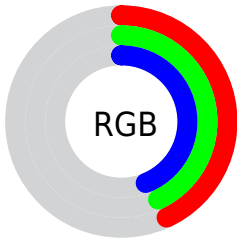
Format	Color
R_{YB}	110, 109, 112
Decimal	7236976
CIE Lab	46.21, 1.01, -1.54
CIE LCh	46, 1.837, 303.170
Yxy	15.4221, 0.3103, 0.3228
Android (android.graphics.Color)	4285427056 (0xFF6E6D70)
YUV	109.6410, 1.1630, 0.3148
Hunter-Lab	39.2710, -1.3454, 1.0315

Details

The XYZ color **14.8237, 15.4221, 17.5247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1105, 16.0723, 16.7746**, and the grayscale version is **14.7155, 15.4818, 16.8597**.

A 20% lighter version of the original color is **34.1719, 35.5033, 40.1737**, and **4.6979, 4.8722, 5.5433** is the 20% darker color. If you saturate the color by 10%, you get **12.8139, 12.7243, 17.1101**, and if you desaturate by 10%, it is **17.0651, 18.4662, 17.9944**.

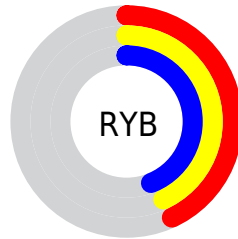
Distribution



Red (43%)

Green (43%)

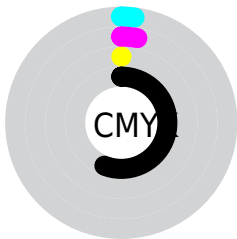
Blue (44%)



Red (43%)

Yellow (43%)

Blue (44%)

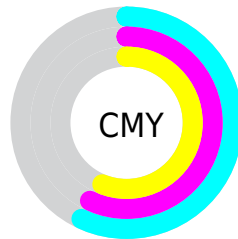


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8237, 15.4221, 17.5247 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 14.8237, 15.4221, 17.5247 by changing the saturation by 10% instead.

■ 14.8237, 15.4221,
17.5247

■ 14.8237, 15.4221,
17.5247

215.7062,
225.9071, 250.3237

■ 8.7813, 9.1162,
10.4434

■ 34.1178, 35.5920,
40.0287

■ 4.6547, 4.8170,
5.5845

■ 48.1002, 50.2247,
56.2884

■ 2.0788, 2.1403,
2.5294

■ 65.4599, 68.4018,
76.4448

■ 0.6777, 0.6872,
0.8557

■ 86.5623, 90.5077,
100.9162

■ 0.0000, 0.0000,
0.0000

111.7728,
116.9268, 130.1212

141.4567,

148.0435, 164.4785

175.9794,
184.2421, 204.4065

■ 14.8237, 15.4221,
17.5247

■ 14.8237, 15.4221,
17.5247

■ 12.8139, 12.7243,
17.1101

■ 17.0651, 18.4662,
17.9944

■ 11.0266, 10.3583,
16.7476

■ 19.5439, 21.8663,
18.5200

■ 9.4542, 8.3117,
16.4355

■ 22.2675, 25.6343,
19.1038

■ 8.0882, 6.5704,
16.1714

■ 25.2426, 29.7810,
19.7473

■ 6.9194, 5.1193,
15.9529

■ 28.4755, 34.3165,
20.4524

■ 5.9379, 3.9419,
15.7774

■ 31.9724, 39.2507,
21.2205

■ 5.1327, 3.0202,
15.6419

■ 35.7393, 44.5933,
22.0532

■ 4.4920, 2.3337,
15.5432

■ 39.7819, 50.3533,
22.9519

■ 4.0006, 1.8567,
15.4770

■ 44.1057, 56.5396,
23.9181

Harmonies

Analogous

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



14.6749, 15.4221, 17.6684



14.8237, 15.4221, 17.5247



14.9287, 15.4221, 17.1845

Triad

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



14.8237, 15.4221, 17.5247



14.7946, 15.4221, 16.0338



14.3595, 15.4221, 16.8398

Complementary

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



14.8237, 15.4221, 17.5247



15.1105, 16.0723, 16.7746

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.



14.3910, 15.4221, 16.4056



14.8237, 15.4221, 17.5247



14.6416, 15.4221, 15.9452

Square

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



14.8237, 15.4221, 17.5247



14.9119, 15.4221, 16.3244



14.4940, 15.4221, 16.0801



14.4075, 15.4221, 17.2686

Rectangle

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



14.8237, 15.4221, 17.5247



14.9594, 15.4221, 16.8949



14.4940, 15.4221, 16.0801



14.3611, 15.4221, 16.6896

Sweetspot

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



14.8241, 15.4228, 17.5250



26.6637, 27.9340, 30.9162



14.9217, 15.8013, 17.5930



6.4131, 6.7209, 7.4290



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.8241, 15.4228, 17.5250



25.8925, 26.8918, 30.7557



15.0060, 15.5165, 17.5335



3.5826, 3.7125, 4.2820



4.2531, 1.8020, 17.8453



20.3563, 8.5484, 88.8562

Inverse Universe

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



15.0205, 15.5304, 17.2455



26.2884, 27.1087, 30.1915



14.9295, 15.9790, 16.7661



3.6470, 3.7478, 4.1901



9.1703, 4.5605, 7.9726



45.2692, 22.5530, 37.5452

Previews

White Background



This preview shows how the XYZ color 14.8237, 15.4221, 17.5247 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 14.8237, 15.4221, 17.5247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

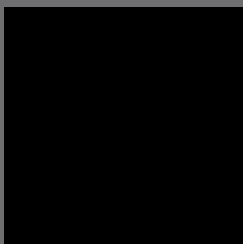
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

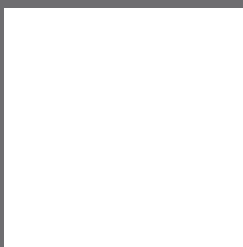
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8237, 15.4221, 17.5247

Background



This preview shows how black text looks on a background with the XYZ color 14.8237, 15.4221, 17.5247.



This preview shows how white text looks on a background with the XYZ color 14.8237, 15.4221,

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

14.8237, 15.4221, 17.5247

Protanopia

14.9488, 15.4866, 17.5306

Deuteranopia

15.7424, 15.4223, 17.7699



Tritanopia

15.1290, 15.3890, 19.0026

Trichromacy

**Original Color**

14.8237, 15.4221, 17.5247

Protanomaly

14.9488, 15.4866, 17.5306

Deuteranomaly

15.4408, 15.4206, 17.7854

Tritanomaly

15.0126, 15.3424, 18.3898

Monochromacy

**Original Color**

14.8237, 15.4221, 17.5247

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8756, 15.6146, 17.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8237, 15.4221, 17.5247 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(110, 109, 112)` looks like.

```
.text, #text, p{  
    color:rgb(110, 109, 112)  
}
```

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(110, 109, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.8237, 15.4221, 17.5247 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(110, 109, 112) }
```


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

```
.border{ border-color:rgb(110, 109, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 109, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 112);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8237, 15.4221, 17.5247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 112) }
```

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

```
.background{ background-color: rgb(110,  
109, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor