

Converting Colors

XYZ(15.4413, 15.8567, 17.0014)

Have a look what the booklet for
XYZ(15.4413, 15.8567, 17.0014)
contains.

XYZ(15.4606, 15.9225, 17.0103)	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(15.4606, 15.9225,
17.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	736E6E
RGB	115, 110, 110
RGB Percent	45%, 43%, 43%
CMY	0.5490, 0.5686, 0.5686
CMYK	0.00, 0.04, 0.04, 0.55
HSL	0°, 2%, 44%
HSV	0°, 4%, 45%
XYZ	15.4606, 15.9225, 17.0103
YIQ	111.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

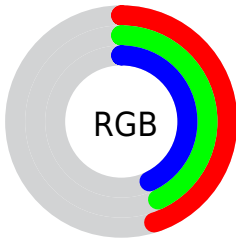
Format	Color
R_{YB}	115, 110, 110
Decimal	7564910
CIE Lab	46.87, 1.94, 0.69
CIE LCh	47, 2.054, 19.481
Yxy	15.9225, 0.3195, 0.3290
Android (android.graphics.Color)	4285754990 (0xFF736E6E)
YUV	111.4950, -0.7370, 3.0739
Hunter-Lab	39.9030, -0.6696, 2.6573

Details

The XYZ color **15.4606, 15.9225, 17.0103** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6555, 16.8138, 18.6400**, and the grayscale version is **15.2552, 16.0497, 17.4781**.

A 20% lighter version of the original color is **35.3783, 36.6648, 39.3948**, and **4.9894, 5.1072, 5.4254** is the 20% darker color. If you saturate the color by 10%, you get **13.7140, 13.3670, 13.5369**, and if you desaturate by 10%, it is **17.4503, 18.8337, 20.9661**.

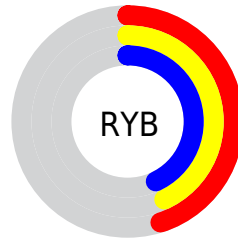
Distribution



Red (45%)

Green (43%)

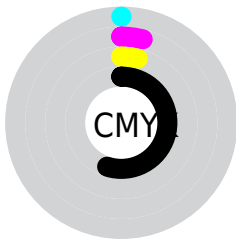
Blue (43%)



Red (45%)

Yellow (43%)

Blue (43%)

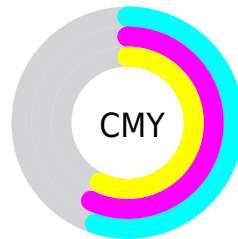


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (55%)



Cyan (55%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4606, 15.9225, 17.0103 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 15.4606, 15.9225, 17.0103 by changing the saturation by 10% instead.

■ 15.4606, 15.9225,
17.0103

■ 15.4606, 15.9225,
17.0103

219.4710,
228.8840, 247.2777

■ 9.2317, 9.4693,
10.0798

■ 35.2243, 36.4636,
39.1344

■ 4.9509, 5.0486,
5.3456

■ 49.4897, 51.3203,
55.1650

■ 2.2530, 2.2758,
2.3892

■ 67.1648, 69.7470,
75.0662

■ 0.7704, 0.7608,
0.7805

■ 88.6148, 92.1281,
99.2563

■ 0.0000, 0.0000,
0.0000

114.2050,
118.8479, 128.1540

144.3009,

150.2909, 162.1777

179.2677,
186.8415, 201.7461

■ 15.4606, 15.9225,
17.0103

■ 15.4606, 15.9225,
17.0103

■ 13.7140, 13.3670,
13.5369

■ 17.4503, 18.8337,
20.9661

■ 12.1999, 11.1517,
10.5264

■ 19.6904, 22.1112,
25.4207

■ 10.9089, 9.2627,
7.9597

■ 22.1898, 25.7681,
30.3909

■ 9.8305, 7.6847,
5.8157

■ 24.9564, 29.8158,
35.8925

■ 8.9533, 6.4009,
4.0719

■ 27.9977, 34.2655,
41.9407

■ 8.2647, 5.3933,
2.7033

■ 31.3212, 39.1278,
48.5499

■ 7.7510, 4.6416,
1.6825

■ 34.9337, 44.4130,
55.7341

■ 7.3965, 4.1227,
0.9782

■ 38.8420, 50.1311,
63.5068

■ 7.1770, 3.8013,
0.5421

■ 43.0527, 56.2915,
71.8809

Harmonies

Analogous

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



15.4747, 15.9225, 17.5174



15.4606, 15.9225, 17.0103



15.3585, 15.9225, 16.5984

Triad

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



15.4606, 15.9225, 17.0103



14.8738, 15.9225, 16.7044



15.0711, 15.9225, 18.3240

Complementary

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



15.4606, 15.9225, 17.0103



15.6555, 16.8138, 18.6400

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.



14.9114, 15.9225, 18.0969



15.4606, 15.9225, 17.0103



14.7980, 15.9225, 17.1576

Square

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



15.4606, 15.9225, 17.0103



15.0194, 15.9225, 16.4243



14.8118, 15.9225, 17.6676



15.2489, 15.9225, 18.2827

Rectangle

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



15.4606, 15.9225, 17.0103



15.2548, 15.9225, 16.4302



14.8118, 15.9225, 17.6676



15.0136, 15.9225, 18.2764

Sweetspot

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



15.4610, 15.9232, 17.0106



28.8201, 30.1729, 32.7159



15.7408, 16.0347, 18.4851



6.8819, 7.2077, 7.8178



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.4610, 15.9232, 17.0106



27.4252, 28.1320, 29.9424



15.7343, 16.4698, 17.1017



3.8482, 3.9412, 4.1888



8.0834, 4.1681, 0.3785



39.3898, 20.3081, 1.8438

Inverse Universe

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



15.6555, 16.8138, 18.6400



27.8342, 30.0051, 33.3691



15.3746, 16.2520, 18.5464



3.9090, 4.2200, 4.6987



10.5392, 15.4181, 20.9631



51.3569, 75.1304, 102.1551

Previews

White Background



This preview shows how the XYZ color 15.4606, 15.9225, 17.0103 looks on a white background.

Color Contrast Check

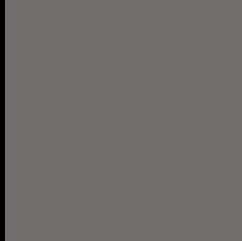
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4606, 15.9225, 17.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

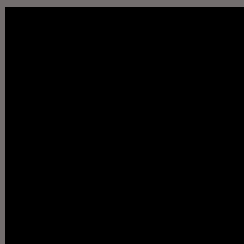
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

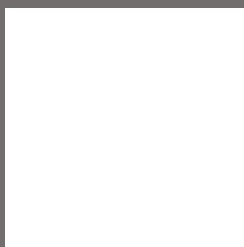
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4606, 15.9225, 17.0103

Background



This preview shows how black text looks on a background with the XYZ color 15.4606, 15.9225, 17.0103.



This preview shows how white text looks on a background with the XYZ color 15.4606, 15.9225,

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

15.4606, 15.9225, 17.0103

Protanopia

15.3090, 16.0054, 17.0343

Deuteranopia

16.2031, 15.9885, 16.9839



Tritanopia

15.8820, 15.9346, 19.0682

Trichromacy

**Original Color**

15.4606, 15.9225, 17.0103

Protanomaly

15.4383, 16.0721, 17.0404

Deuteranomaly

15.8909, 15.9850, 16.9997

Tritanomaly

15.7084, 15.8652, 18.1540

Monochromacy

**Original Color**

15.4606, 15.9225, 17.0103

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2358, 15.9613, 17.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4606, 15.9225, 17.0103 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(115, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(115, 110, 110)  
}
```

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(115, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.4606, 15.9225, 17.0103 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(115, 110, 110) }
```


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

```
.border{ border-color:rgb(115, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(115, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4606, 15.9225, 17.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 110, 110) }
```

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

```
.background{ background-color: rgb(115,  
110, 110) }
```

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