

Converting Colors

XYZ(15.4886, 16.2934, 17.2027)

Have a look what the booklet for
XYZ(15.4886, 16.2934, 17.2027)
contains.

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Color

**XYZ(15.4187, 16.2248,
17.0709)**

Conversions

Conversions Part 1

Format	Color
Hex	71706E
RGB	113, 112, 110
RGB Percent	44%, 44%, 43%
CMY	0.5569, 0.5608, 0.5686
CMYK	0.00, 0.01, 0.03, 0.56
HSL	40°, 1%, 44%
HSV	40°, 3%, 44%
XYZ	15.4187, 16.2248, 17.0709
YIQ	112.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

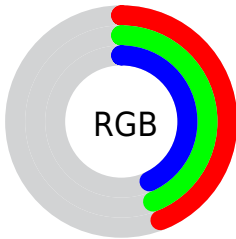
Format	Color
R_{YB}	112, 113, 110
Decimal	7434350
CIE Lab	47.27, -0.01, 1.24
CIE LCh	47, 1.239, 90.678
Yxy	16.2248, 0.3165, 0.3331
Android (android.graphics.Color)	4285624430 (0xFF71706E)
YUV	112.0710, -1.0210, 0.8147
Hunter-Lab	40.2800, -2.1624, 3.0686

Details

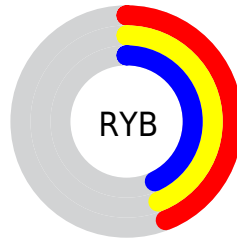
The XYZ color **15.4187, 16.2248, 17.0709** is a dark color, and the websafe version is hex **666666**, and the color name is **dark silver**. A complement of this color would be **15.0956, 15.8760, 17.8918**, and the grayscale version is **15.4249, 16.2282, 17.6725**.

A 20% lighter version of the original color is **35.3141, 37.1589, 39.4935**, and **4.9106, 5.1495, 5.4378** is the 20% darker color. If you saturate the color by 10%, you get **14.4362, 15.1822, 13.8991**, and if you desaturate by 10%, it is **16.4980, 17.3349, 20.6625**.

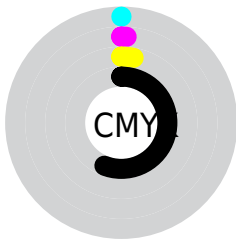
Distribution



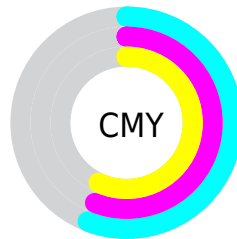
- Red (44%)
- Green (44%)
- Blue (43%)



- Red (44%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4187, 16.2248, 17.0709 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 15.4187, 16.2248, 17.0709 by changing the saturation by 10% instead.

■ 15.4187, 16.2248,
17.0709

■ 15.4187, 16.2248,
17.0709

219.2252,
230.6646, 247.6384

■ 9.2020, 9.6834,
10.1226

■ 35.1517, 36.9880,
39.2400

■ 4.9313, 5.1895,
5.3736

■ 49.3987, 51.9786,
55.2978

■ 2.2414, 2.3589,
2.4056

■ 67.0532, 70.5544,
75.2291

■ 0.7644, 0.8046,
0.7895

■ 88.4805, 93.0997,
99.4526

■ 0.0000, 0.0000,
0.0000

114.0460,
119.9990, 128.3867

144.1150,

151.6366, 162.4500

179.0530,
188.3970, 202.0611

■ 15.4187, 16.2248,
17.0709

■ 15.4187, 16.2248,
17.0709

■ 14.4362, 15.1822,
13.8991

■ 16.4980, 17.3349,
20.6625

■ 13.5459, 14.2034,
11.1305

■ 17.6756, 18.5118,
24.6876

■ 12.7449, 13.2873,
8.7488

■ 18.9549, 19.7578,
29.1606

■ 12.0296, 12.4323,
6.7364

■ 20.3386, 21.0743,
34.0948

■ 11.3963, 11.6364,
5.0742

■ 21.8293, 22.4625,
39.5032

■ 10.8408, 10.8976,
3.7414

■ 23.4295, 23.9240,
45.3979

■ 10.3585, 10.2137,
2.7149

■ 25.1417, 25.4598,
51.7910

■ 9.9441, 9.5823,
1.9688

■ 26.9683, 27.0713,
58.6939

■ 9.5914, 9.0004,
1.4701

■ 28.9114, 28.7596,
66.1176

Harmonies

Analogous

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



15.5244, 16.2248, 17.1464



15.4187, 16.2248, 17.0709



15.3142, 16.2248, 17.1533

Triad

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



15.4187, 16.2248, 17.0709



15.2411, 16.2248, 17.9750



15.6052, 16.2248, 17.9625

Complementary

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



15.4187, 16.2248, 17.0709



15.0956, 15.8760, 17.8918

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.



15.5287, 16.2248, 18.1889



15.4187, 16.2248, 17.0709



15.3185, 16.2248, 18.1961

Square

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



15.4187, 16.2248, 17.0709



15.2120, 16.2248, 17.6732



15.4237, 16.2248, 18.2749



15.6323, 16.2248, 17.6589

Rectangle

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



15.4187, 16.2248, 17.0709



15.2591, 16.2248, 17.2873



15.4237, 16.2248, 18.2749



15.5844, 16.2248, 18.0503

Sweetspot

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



15.4192, 16.2255, 17.0713



27.9130, 29.3695, 31.5639



15.2555, 15.8105, 17.2869



6.4588, 6.7958, 7.3113



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.



15.4192, 16.2255, 17.0713



27.5320, 28.9724, 30.3120



15.4658, 16.4140, 17.1052



3.6820, 3.8747, 4.0262



10.5912, 9.7148, 1.3169



51.9433, 46.7618, 6.2882

Inverse Universe

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



15.0956, 15.8760, 17.8918



26.8616, 28.2483, 32.0122



15.0496, 15.6915, 17.8586



3.5773, 3.7616, 4.2917



4.1359, 2.8621, 18.0561



19.8835, 12.8188, 89.7054

Previews

White Background



This preview shows how the XYZ color 15.4187, 16.2248, 17.0709 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 15.4187, 16.2248, 17.0709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

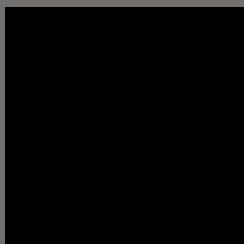
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4187, 16.2248, 17.0709

Background



This preview shows how black text looks on a background with the XYZ color 15.4187, 16.2248, 17.0709.



This preview shows how white text looks on a background with the XYZ color 15.4187, 16.2248,

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

15.4187, 16.2248, 17.0709

Protanopia

15.6789, 16.3590, 17.0831

Deuteranopia

16.4002, 16.0838, 17.2790



Tritanopia

15.9536, 16.2782, 19.7539

Trichromacy



Original Color

15.4187, 16.2248, 17.0709

Protanomaly

15.5481, 16.2915, 17.0770

Deuteranomaly

15.9456, 16.0069, 17.2881

Tritanomaly

15.7763, 16.2072, 18.8198

Monochromacy



Original Color

15.4187, 16.2248, 17.0709

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3455, 16.1808, 17.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4187, 16.2248, 17.0709 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(113, 112, 110)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 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(113, 112, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.4187, 16.2248, 17.0709 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(113, 112, 110) }
```


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

```
.border{ border-color:rgb(113, 112, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 110);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4187, 16.2248, 17.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 110) }
```

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

```
.background{ background-color: rgb(113,  
112, 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](#).

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