

Converting Colors

XYZ(15.9657, 17.0156, 14.9825)

Have a look what the booklet for
XYZ(15.9657, 17.0156, 14.9825)
contains.

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Color

**XYZ(16.0002, 17.0723,
15.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	767366
RGB	118, 115, 102
RGB Percent	46%, 45%, 40%
CMY	0.5373, 0.5490, 0.6000
CMYK	0.00, 0.03, 0.14, 0.54
HSL	49°, 7%, 43%
HSV	49°, 14%, 46%
XYZ	16.0002, 17.0723, 15.0224
YIQ	114.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

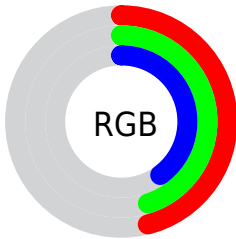
Format	Color
R_{YB}	106, 118, 102
Decimal	7762790
CIE Lab	48.35, -1.30, 7.60
CIE LCh	48, 7.715, 99.676
Yxy	17.0723, 0.3327, 0.3550
Android (android.graphics.Color)	4285952870 (0xFF767366)
YUV	114.4150, -6.1206, 3.1440
Hunter-Lab	41.3186, -3.1854, 7.3667

Details

The XYZ color **16.0002, 17.0723, 15.0224** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8011, 14.2357, 19.1600**, and the grayscale version is **16.1359, 16.9762, 18.4871**.

A 20% lighter version of the original color is **36.1460, 38.4834, 35.6599**, and **5.2225, 5.5922, 4.4186** is the 20% darker color. If you saturate the color by 10%, you get **15.2073, 16.3571, 12.0735**, and if you desaturate by 10%, it is **16.8834, 17.8344, 18.4128**.

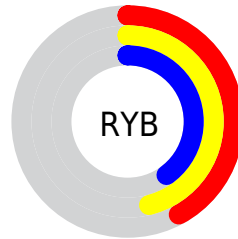
Distribution



Red (46%)

Green (45%)

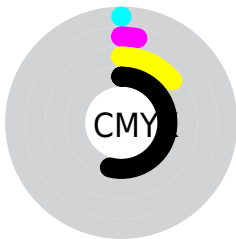
Blue (40%)



Red (42%)

Yellow (46%)

Blue (40%)

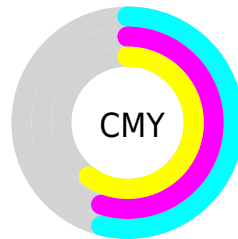


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0002, 17.0723, 15.0224 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 16.0002, 17.0723, 15.0224 by changing the saturation by 10% instead.

■ 16.0002, 17.0723,
15.0224

■ 16.0002, 17.0723,
15.0224

222.6133,
235.5887, 235.1472

■ 9.6151, 10.2861,
8.6883

■ 36.1560, 38.4500,
35.6353

■ 5.2048, 5.5890,
4.4444

■ 50.6574, 53.8103,
50.7513

■ 2.4039, 2.5968,
1.8722

■ 68.5951, 72.7974,
69.6315

■ 0.8471, 0.9251,
0.4749

■ 90.3342, 95.7957,
92.6947

■ 0.0000, 0.0000,
0.0000

116.2403,
123.1896, 120.3593

146.6785,

155.3634, 153.0439

182.0144,
192.7017, 191.1670

■ 16.0002, 17.0723,
15.0224

■ 16.0002, 17.0723,
15.0224

■ 15.2073, 16.3571,
12.0735

■ 16.8834, 17.8344,
18.4128

■ 14.4997, 15.6852,
9.5467

■ 17.8589, 18.6425,
22.2611

■ 13.8742, 15.0556,
7.4224

■ 18.9303, 19.4989,
26.5840

■ 13.3267, 14.4666,
5.6794

■ 20.1005, 20.4046,
31.3972

■ 12.8526, 13.9165,
4.2943

■ 21.3725, 21.3610,
36.7154

■ 12.4470, 13.4031,
3.2413

■ 22.7489, 22.3691,
42.5531

■ 12.1043, 12.9241,
2.4908

■ 24.2325, 23.4302,
48.9239

■ 11.8170, 12.4764,
2.0036

■ 25.8258, 24.5453,
55.8410

■ 11.6444, 12.1979,
1.7407

■ 27.5311, 25.7154,
63.3170

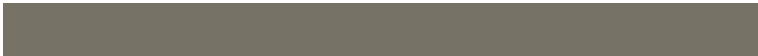
Harmonies

Analogous

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



16.7015, 17.0723, 15.1846



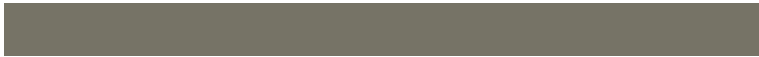
16.0002, 17.0723, 15.0224



15.3775, 17.0723, 15.7612

Triad

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



16.0002, 17.0723, 15.0224



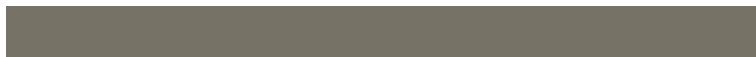
15.2068, 17.0723, 21.1760



17.5298, 17.0723, 19.9684

Complementary

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



16.0002, 17.0723, 15.0224



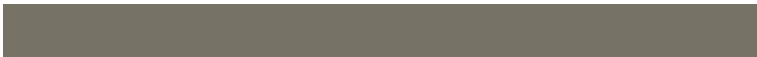
13.8011, 14.2357, 19.1600

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.



17.1066, 17.0723, 21.7359



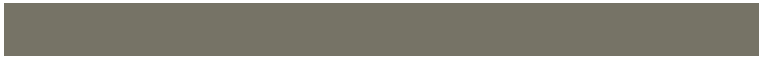
16.0002, 17.0723, 15.0224



15.7610, 17.0723, 22.4673

Square

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



16.0002, 17.0723, 15.0224



14.9283, 17.0723, 19.2482



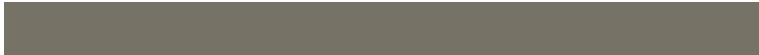
16.4553, 17.0723, 22.6793



17.5983, 17.0723, 17.9447

Rectangle

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



16.0002, 17.0723, 15.0224



15.0858, 17.0723, 16.6990



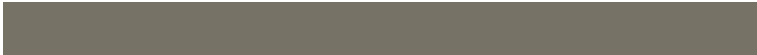
16.4553, 17.0723, 22.6793



17.4237, 17.0723, 20.6161

Sweetspot

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



16.0007, 17.0731, 15.0228



29.5984, 31.2841, 32.0328



14.7829, 14.3786, 15.4150



6.7818, 7.1729, 7.2740



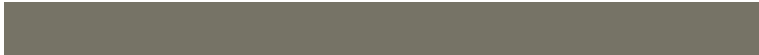
57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



16.0007, 17.0731, 15.0228



27.7224, 29.6544, 24.8647



15.7127, 17.4403, 15.1088



3.9112, 4.1553, 3.9382



12.5892, 13.1796, 1.8804



60.7639, 63.0563, 8.9685

Inverse Universe

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



13.8011, 14.2357, 19.1600



23.1324, 23.7337, 33.4988



14.0610, 13.9244, 19.0862



3.5511, 3.6907, 4.6155



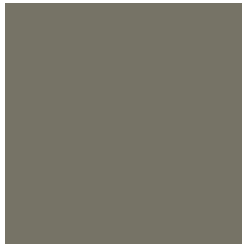
3.8427, 2.0251, 18.7309



18.2489, 8.9143, 91.1191

Previews

White Background



This preview shows how the XYZ color 16.0002, 17.0723, 15.0224 looks on a white background.

Color Contrast Check

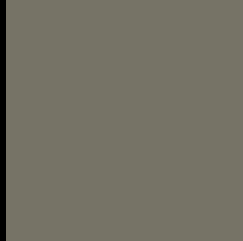
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0002, 17.0723, 15.0224 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

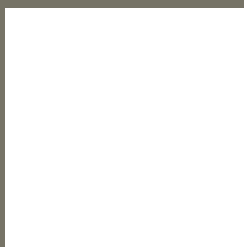
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0002, 17.0723, 15.0224

Background



This preview shows how black text looks on a background with the XYZ color 16.0002, 17.0723, 15.0224.



This preview shows how white text looks on a background with the XYZ color 16.0002, 17.0723,

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

16.0002, 17.0723, 15.0224

Protanopia

16.1613, 16.9870, 14.9974

Deuteranopia

17.3385, 17.0940, 15.2176



Tritanopia

17.1305, 17.0338, 20.4741

Trichromacy



Original Color

16.0002, 17.0723, 15.0224

Protanomaly

16.0233, 16.9159, 14.9909

Deuteranomaly

16.8465, 17.0032, 15.2260

Tritanomaly

16.6881, 17.0182, 18.3249

Monochromacy



Original Color

16.0002, 17.0723, 15.0224

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9020, 16.8053, 17.1575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0002, 17.0723, 15.0224 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(118, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 115, 102)  
}
```

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(118, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 115, 102) }
```

Border

The CSS property to change the border of an element to XYZ 16.0002, 17.0723, 15.0224 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(118, 115, 102) }
```


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

```
.border{ border-color:rgb(118, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 115,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0002, 17.0723, 15.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 115, 102) }
```

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

```
.background{ background-color: rgb(118,  
115, 102) }
```

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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