

Converting Colors

XYZ(16.4993, 17.1618, 15.0135)

Have a look what the booklet for
XYZ(16.4993, 17.1618, 15.0135)
contains.

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Color

**XYZ(16.4416, 17.1315,
15.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7266
RGB	122, 114, 102
RGB Percent	48%, 45%, 40%
CMY	0.5216, 0.5529, 0.6000
CMYK	0.00, 0.07, 0.16, 0.52
HSL	36°, 9%, 44%
HSV	36°, 16%, 48%
XYZ	16.4416, 17.1315, 15.0105
YIQ	115.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

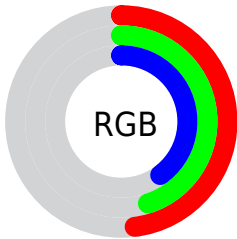
Format	Color
R _Y B	115, 122, 102
Decimal	8024678
CIE Lab	48.43, 0.90, 7.76
CIE LCh	48, 7.812, 83.393
Yxy	17.1315, 0.3384, 0.3526
Android (android.graphics.Color)	4286214758 (0xFF7A7266)
YUV	115.0240, -6.4208, 6.1180
Hunter-Lab	41.3902, -1.5266, 7.4711

Details

The XYZ color **16.4416, 17.1315, 15.0105** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5682, 15.3814, 20.6135**, and the grayscale version is **16.3204, 17.1703, 18.6984**.

A 20% lighter version of the original color is **37.0652, 38.6863, 35.6506**, and **5.3855, 5.5887, 4.4093** is the 20% darker color. If you saturate the color by 10%, you get **15.3450, 15.8363, 11.8764**, and if you desaturate by 10%, it is **17.6575, 18.5226, 18.6242**.

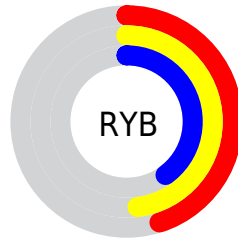
Distribution



Red (48%)

Green (45%)

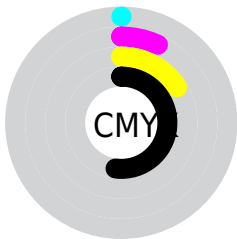
Blue (40%)



Red (45%)

Yellow (48%)

Blue (40%)

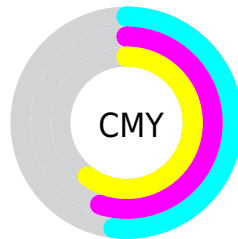


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4416, 17.1315, 15.0105 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 16.4416, 17.1315, 15.0105 by changing the saturation by 10% instead.

■ 16.4416, 17.1315,
15.0105

■ 16.4416, 17.1315,
15.0105

225.1531,
235.9290, 235.0727

■ 9.9300, 10.3283,
8.6801

■ 36.9144, 38.5517,
35.6142

■ 5.4145, 5.6172,
4.4391

■ 51.6064, 53.9375,
50.7245

■ 2.5297, 2.6137,
1.8692

■ 69.7559, 72.9530,
69.5984

■ 0.9102, 0.9336,
0.4730

■ 91.7282, 95.9825,
92.6547

■ 0.0000, 0.0000,
0.0000

117.8887,
123.4105, 120.3117

148.6028,

155.6213, 152.9880

184.2358,
192.9994, 191.1022

■ 16.4416, 17.1315,
15.0105

■ 16.4416, 17.1315,
15.0105

■ 15.3450, 15.8363,
11.8764

■ 17.6575, 18.5226,
18.6242

■ 14.3621, 14.6322,
9.2003

■ 18.9955, 20.0095,
22.7356

■ 13.4887, 13.5175,
6.9603

■ 20.4599, 21.5954,
27.3635

■ 12.7197, 12.4893,
5.1327

■ 22.0543, 23.2824,
32.5250

■ 12.0498, 11.5446,
3.6911

■ 23.7823, 25.0725,
38.2368

■ 11.4729, 10.6803,
2.6063

■ 25.6473, 26.9678,
44.5146

■ 10.9822, 9.8929,
1.8448

■ 27.6525, 28.9701,
51.3735

■ 10.5646, 9.1761,
1.3407

■ 29.8010, 31.0815,
58.8281

■ 10.4229, 8.9312,
1.1745

■ 32.0959, 33.3036,
66.8925

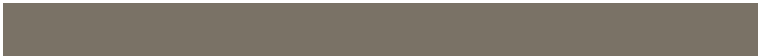
Harmonies

Analogous

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



17.1163, 17.1315, 15.6689



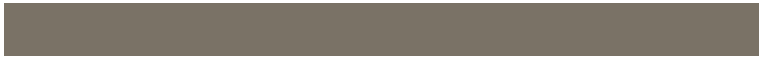
16.4416, 17.1315, 15.0105



15.7434, 17.1315, 15.2692

Triad

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



16.4416, 17.1315, 15.0105



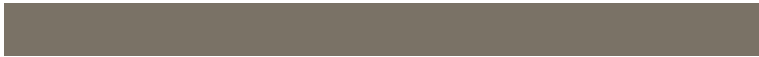
15.0540, 17.1315, 20.2600



17.4112, 17.1315, 21.1000

Complementary

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



16.4416, 17.1315, 15.0105



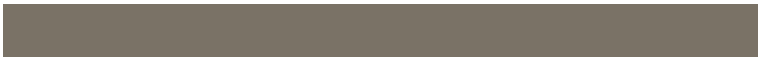
14.5682, 15.3814, 20.6135

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.



16.8347, 17.1315, 22.5037



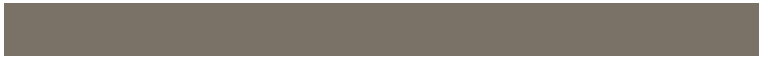
16.4416, 17.1315, 15.0105



15.4772, 17.1315, 21.9944

Square

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



16.4416, 17.1315, 15.0105



14.9557, 17.1315, 18.2041



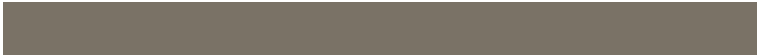
16.1254, 17.1315, 22.8424



17.6866, 17.1315, 19.1098

Rectangle

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



16.4416, 17.1315, 15.0105



15.3570, 17.1315, 15.9371



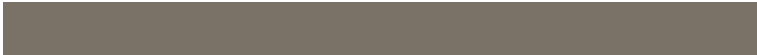
16.1254, 17.1315, 22.8424



17.2454, 17.1315, 21.6618

Sweetspot

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



16.4421, 17.1323, 15.0109



31.3522, 32.9099, 33.6364



15.5920, 14.7663, 16.7804



7.1396, 7.4922, 7.6028



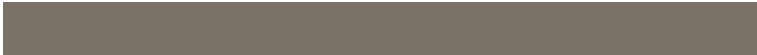
59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



16.4421, 17.1323, 15.0109



28.1124, 29.1885, 24.0537



17.1037, 18.8715, 15.3117



4.1796, 4.3776, 4.2492



10.9653, 9.3866, 1.2339



51.4559, 43.0752, 5.6023

Inverse Universe

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



14.5682, 15.3814, 20.6135



24.1059, 25.4454, 36.0338



13.9733, 13.8512, 20.3495



3.9170, 4.1322, 5.0343



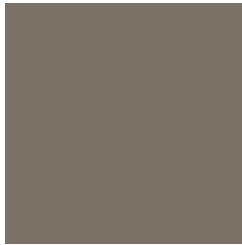
4.8375, 3.7575, 19.8556



22.2906, 16.3538, 94.4515

Previews

White Background



This preview shows how the XYZ color 16.4416, 17.1315, 15.0105 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 16.4416, 17.1315, 15.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

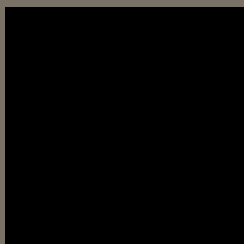
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4416, 17.1315, 15.0105

Background



This preview shows how black text looks on a background with the XYZ color 16.4416, 17.1315, 15.0105.

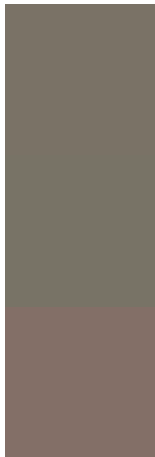


This preview shows how white text looks on a background with the XYZ color 16.4416, 17.1315, 15.0105.

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

16.4416, 17.1315, 15.0105

Protanopia

16.2747, 17.2138, 15.0352

Deuteranopia

17.4927, 17.1734, 15.2248



Tritanopia

17.3868, 17.0100, 20.1362

Trichromacy



Original Color

16.4416, 17.1315, 15.0105

Protanomaly

16.4142, 17.2857, 15.0417

Deuteranomaly

17.1444, 17.1568, 15.2399

Tritanomaly

16.9432, 16.9915, 18.0095

Monochromacy



Original Color

16.4416, 17.1315, 15.0105

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4164, 17.2388, 17.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4416, 17.1315, 15.0105 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(122, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 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(122, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 102) }
```

Border

The CSS property to change the border of an element to XYZ 16.4416, 17.1315, 15.0105 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(122, 114, 102) }
```


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

```
.border{ border-color:rgb(122, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4416, 17.1315, 15.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 102) }
```

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

```
.background{ background-color: rgb(122,  
114, 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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