

Converting Colors

XYZ(16.8310, 17.0119, 14.3773)

Have a look what the booklet for
XYZ(16.8310, 17.0119, 14.3773)
contains.

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Color

**XYZ(16.8468, 17.0205,
14.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7064
RGB	127, 112, 100
RGB Percent	50%, 44%, 39%
CMY	0.5020, 0.5608, 0.6078
CMYK	0.00, 0.12, 0.21, 0.50
HSL	27°, 12%, 45%
HSV	27°, 21%, 50%
XYZ	16.8468, 17.0205, 14.4539
YIQ	115.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

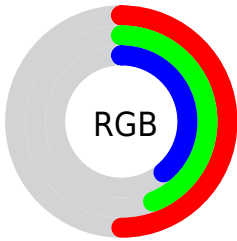
Format	Color
R_{YB}	127, 122, 100
Decimal	8351844
CIE _{Lab}	48.29, 3.77, 8.81
CIE _{LCh}	48, 9.586, 66.840
Yxy	17.0205, 0.3486, 0.3522
Android (android.graphics.Color)	4286541924 (0xFF7F7064)
YUV	115.1170, -7.4527, 10.4214
Hunter-Lab	41.2559, 0.6924, 8.1070

Details

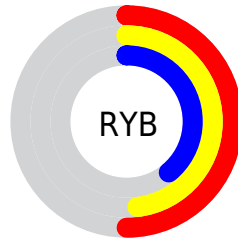
The XYZ color **16.8468, 17.0205, 14.4539** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2168, 16.5025, 22.4620**, and the grayscale version is **16.3508, 17.2023, 18.7333**.

A 20% lighter version of the original color is **37.6838, 38.4886, 34.7210**, and **5.6179, 5.5435, 4.1421** is the 20% darker color. If you saturate the color by 10%, you get **15.5315, 15.2979, 11.2156**, and if you desaturate by 10%, it is **18.3199, 18.9049, 18.2180**.

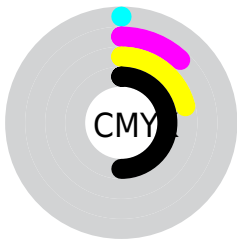
Distribution



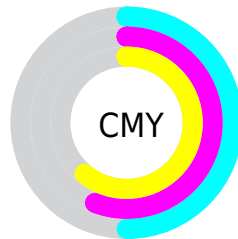
- Red (50%)
- Green (44%)
- Blue (39%)



- Red (50%)
- Yellow (48%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8468, 17.0205, 14.4539 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 16.8468, 17.0205, 14.4539 by changing the saturation by 10% instead.

■ 16.8468, 17.0205,
14.4539

■ 16.8468, 17.0205,
14.4539

227.4615,
235.2905, 231.5624

■ 10.2199, 10.2491,
8.2947

■ 37.6079, 38.3610,
34.6209

■ 5.6084, 5.5644,
4.1936

■ 52.4728, 53.6989,
49.4658

■ 2.6468, 2.5821,
1.7322

■ 70.8145, 72.6611,
68.0430

■ 0.9699, 0.9177,
0.3826

■ 92.9983, 95.6321,
90.7710

■ 0.0000, 0.0000,
0.0000

119.3895,
122.9960, 118.0684

150.3536,

155.1375, 150.3537

186.2558,
192.4409, 188.0455

■ 16.8468, 17.0205,
14.4539

■ 16.8468, 17.0205,
14.4539

■ 15.5315, 15.2979,
11.2156

■ 18.3199, 18.9049,
18.2180

■ 14.3667, 13.7304,
8.4782

■ 19.9549, 20.9533,
22.5292

■ 13.3467, 12.3138,
6.2165

■ 21.7574, 23.1704,
27.4086

■ 12.4649, 11.0431,
4.4026

■ 23.7324, 25.5604,
32.8762

■ 11.7138, 9.9130,
3.0054

■ 25.8846, 28.1271,
38.9509

■ 11.0853, 8.9174,
1.9903

■ 28.2186, 30.8743,
45.6506

■ 10.5702, 8.0500,
1.3164

■ 30.7387, 33.8054,
52.9927

■ 10.1889, 7.3851,
0.8884

■ 33.4492, 36.9241,
60.9937

■ 36.3541, 40.2337,
69.6697

Harmonies

Analogous

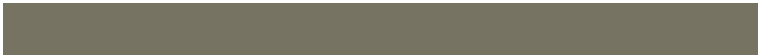
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.5586, 17.0205, 15.7964



16.8468, 17.0205, 14.4539



15.9783, 17.0205, 14.1566

Triad

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



16.8468, 17.0205, 14.4539



14.5671, 17.0205, 19.1110



17.2051, 17.0205, 22.6530

Complementary

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



16.8468, 17.0205, 14.4539



15.2168, 16.5025, 22.4620

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.



16.3783, 17.0205, 23.7281



16.8468, 17.0205, 14.4539



14.8707, 17.0205, 21.5674

Square

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



16.8468, 17.0205, 14.4539



14.6825, 17.0205, 16.7050



15.5261, 17.0205, 23.3140



17.7707, 17.0205, 20.4885

Rectangle

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



16.8468, 17.0205, 14.4539



15.4312, 17.0205, 14.5648



15.5261, 17.0205, 23.3140



16.9474, 17.0205, 23.1622

Sweetspot

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



16.8473, 17.0213, 14.4543



34.2678, 35.6938, 36.4495



16.4215, 14.8712, 18.3154



7.9875, 8.3123, 8.4401



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.8473, 17.0213, 14.4543



28.8723, 28.7919, 22.6615



18.4117, 20.1501, 14.9757



4.4729, 4.6345, 4.5789



10.2745, 7.4454, 0.8956



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2168, 16.5025, 22.4620



25.3495, 27.6702, 39.9611



13.8182, 13.7053, 21.9958



4.2914, 4.5768, 5.4705



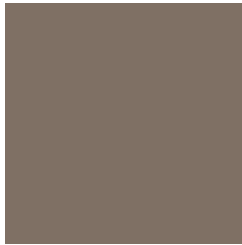
6.1052, 6.0288, 21.0919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.8468, 17.0205, 14.4539 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 16.8468, 17.0205, 14.4539 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 16.8468, 17.0205, 14.4539

Background



This preview shows how black text looks on a background with the XYZ color 16.8468, 17.0205, 14.4539.

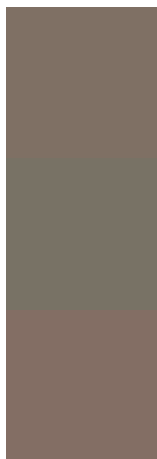


This preview shows how white text looks on a background with the XYZ color 16.8468, 17.0205,

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

16.8468, 17.0205, 14.4539

Protanopia

16.1120, 16.9673, 14.7377

Deuteranopia

17.2363, 16.8973, 14.4096



Tritanopia

17.7919, 16.9124, 19.4662

Trichromacy



Original Color

16.8468, 17.0205, 14.4539

Protanomaly

16.4225, 16.9608, 14.7201

Deuteranomaly

17.1906, 17.0348, 14.4386

Tritanomaly

17.3473, 16.8888, 17.3845

Monochromacy



Original Color

16.8468, 17.0205, 14.4539

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4395, 17.0824, 17.1826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8468, 17.0205, 14.4539 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(127, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(127, 112, 100)  
}
```

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(127, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 112, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.8468, 17.0205, 14.4539 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(127, 112, 100) }
```


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

```
.border{ border-color:rgb(127, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(127, 112,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8468, 17.0205, 14.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 112, 100) }
```

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

```
.background{ background-color: rgb(127,  
112, 100) }
```

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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