

Converting Colors

XYZ(16.3338, 16.4007, 14.3704)

Have a look what the booklet for
XYZ(16.3338, 16.4007, 14.3704)
contains.

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Color

**XYZ(16.3336, 16.4319,
14.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6E64
RGB	125, 110, 100
RGB Percent	49%, 43%, 39%
CMY	0.5098, 0.5686, 0.6078
CMYK	0.00, 0.12, 0.20, 0.51
HSL	24°, 11%, 44%
HSV	24°, 20%, 49%
XYZ	16.3336, 16.4319, 14.3674
YIQ	113.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

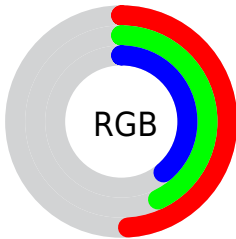
Format	Color
R_{YB}	125, 117, 100
Decimal	8220260
CIE Lab	47.54, 4.12, 7.72
CIE LCh	48, 8.755, 61.924
Yxy	16.4319, 0.3465, 0.3486
Android (android.graphics.Color)	4286410340 (0xFF7D6E64)
YUV	113.3450, -6.5791, 10.2214
Hunter-Lab	40.5363, 0.9859, 7.3611

Details

The XYZ color **16.3336, 16.4319, 14.3674** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0878, 16.4511, 21.7823**, and the grayscale version is **15.8153, 16.6389, 18.1198**.

A 20% lighter version of the original color is **36.8663, 37.5400, 34.5810**, and **5.3457, 5.2388, 4.0976** is the 20% darker color. If you saturate the color by 10%, you get **14.9994, 14.6585, 11.1633**, and if you desaturate by 10%, it is **17.8300, 18.3809, 18.0840**.

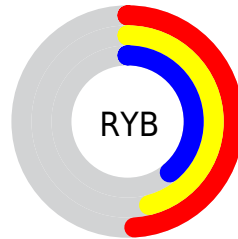
Distribution



Red (49%)

Green (43%)

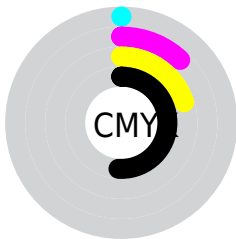
Blue (39%)



Red (49%)

Yellow (46%)

Blue (39%)

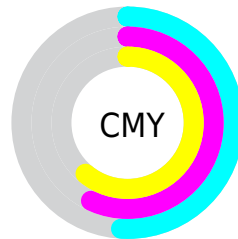


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3336, 16.4319, 14.3674 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 16.3336, 16.4319, 14.3674 by changing the saturation by 10% instead.

■ 16.3336, 16.4319,
14.3674

■ 16.3336, 16.4319,
14.3674

224.5342,
231.8770, 231.0120

■ 9.8529, 9.8303,
8.2350

■ 36.7292, 37.3464,
34.4660

■ 5.3630, 5.2866,
4.1557

■ 51.3747, 52.4281,
49.2692

■ 2.4987, 2.4164,
1.7112

■ 69.4726, 71.1052,
67.7998

■ 0.8946, 0.8343,
0.3684

■ 91.3881, 93.7622,
90.4763

■ 0.0000, 0.0000,
0.0000

117.4867,
120.7835, 117.7172

148.1337,

152.5535, 149.9411

183.6944,
189.4565, 187.5665

■ 16.3336, 16.4319,
14.3674

■ 16.3336, 16.4319,
14.3674

■ 14.9994, 14.6585,
11.1633

■ 17.8300, 18.3809,
18.0840

■ 13.8202, 13.0534,
8.4479

■ 19.4929, 20.5081,
22.3334

■ 12.7902, 11.6120,
6.1971

■ 21.3280, 22.8189,
27.1361

■ 11.9025, 10.3288,
4.3840

■ 23.3404, 25.3177,
32.5112

■ 11.1497, 9.1976,
2.9794

■ 25.5349, 28.0089,
38.4768

■ 10.5238, 8.2120,
1.9501

■ 27.9161, 30.8965,
45.0503

■ 10.0155, 7.3649,
1.2578

■ 30.4885, 33.9846,
52.2482

■ 9.5986, 6.6423,
0.7762

■ 33.2564, 37.2772,
60.0867

■ 9.5986, 6.6422,
0.7762

■ 36.2240, 40.7779,
68.5810

Harmonies

Analogous

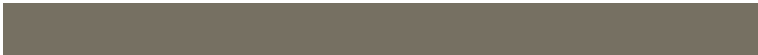
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.9241, 16.4319, 15.7178



16.3336, 16.4319, 14.3674



15.5678, 16.4319, 13.9378

Triad

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



16.3336, 16.4319, 14.3674



14.1684, 16.4319, 18.0360



16.4235, 16.4319, 21.7848

Complementary

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



16.3336, 16.4319, 14.3674



15.0878, 16.4511, 21.7823

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.



15.6684, 16.4319, 22.5302



16.3336, 16.4319, 14.3674



14.3810, 16.4319, 20.2570

Square

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



16.3336, 16.4319, 14.3674



14.3334, 16.4319, 15.9477



14.9237, 16.4319, 21.9494



16.9772, 16.4319, 19.9872

Rectangle

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



16.3336, 16.4319, 14.3674



15.0654, 16.4319, 14.2000



14.9237, 16.4319, 21.9494



16.1840, 16.4319, 22.1731

Sweetspot

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



16.3340, 16.4326, 14.3677



33.0409, 34.3454, 35.2019



16.1093, 14.7123, 18.2105



7.4823, 7.7696, 7.9224



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.3340, 16.4326, 14.3677



28.1201, 27.9332, 22.9890



17.7789, 19.3224, 14.8494



4.4580, 4.6047, 4.5740



10.0114, 6.9193, 0.8079



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0878, 16.4511, 21.7823



25.4618, 27.9713, 38.8014



13.7581, 13.7915, 21.3390



4.3065, 4.6071, 5.4755



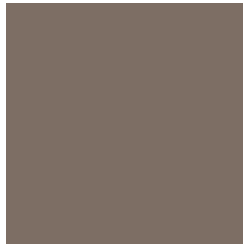
6.4816, 6.7817, 21.2173



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3336, 16.4319, 14.3674 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 16.3336, 16.4319, 14.3674 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 16.3336, 16.4319, 14.3674

Background



This preview shows how black text looks on a background with the XYZ color 16.3336, 16.4319, 14.3674.



This preview shows how white text looks on a background with the XYZ color 16.3336, 16.4319,

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

16.3336, 16.4319, 14.3674

Protanopia

15.6143, 16.3795, 14.6505

Deuteranopia

16.6710, 16.4466, 14.3524



Tritanopia

17.2673, 16.4981, 18.7974

Trichromacy



Original Color

16.3336, 16.4319, 14.3674

Protanomaly

15.9186, 16.3734, 14.6333

Deuteranomaly

16.5213, 16.3694, 14.3454

Tritanomaly

16.8873, 16.4987, 17.0464

Monochromacy



Original Color

16.3336, 16.4319, 14.3674

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.8371, 16.4530, 16.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3336, 16.4319, 14.3674 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(125, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 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(125, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.3336, 16.4319, 14.3674 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(125, 110, 100) }
```


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

```
.border{ border-color:rgb(125, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 110, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 110, 100); box-shadow:4px 4px 4px 4px rgb(125, 110, 100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3336, 16.4319, 14.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 100) }
```

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

```
.background{ background-color: rgb(125,  
110, 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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