

Converting Colors

XYZ(14.8892, 16.4280, 17.4956)

Have a look what the booklet for
XYZ(14.8892, 16.4280, 17.4956)
contains.

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Color

**XYZ(14.9438, 16.4733,
17.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	6A736F
RGB	106, 115, 111
RGB Percent	42%, 45%, 44%
CMY	0.5843, 0.5490, 0.5647
CMYK	0.08, 0.00, 0.03, 0.55
HSL	153°, 4%, 43%
HSV	153°, 8%, 45%
XYZ	14.9438, 16.4733, 17.4310
YIQ	111.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

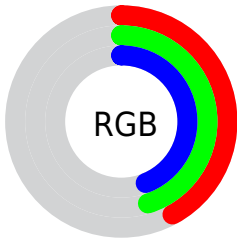
Format	Color
R_{YB}	106, 112, 115
Decimal	6976367
CIE Lab	47.59, -4.23, 1.04
CIE LCh	48, 4.355, 166.183
Yxy	16.4733, 0.3059, 0.3372
Android (android.graphics.Color)	4285166447 (0xFF6A736F)
YUV	111.8530, -0.4205, -5.1331
Hunter-Lab	40.5873, -5.3061, 2.9479

Details

The XYZ color **14.9438, 16.4733, 17.4310** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0393, 15.0791, 16.8704**, and the grayscale version is **15.3604, 16.1603, 17.5986**.

A 20% lighter version of the original color is **34.3342, 37.4499, 40.0693**, and **4.7080, 5.3030, 5.4781** is the 20% darker color. If you saturate the color by 10%, you get **13.3943, 15.7066, 15.9311**, and if you desaturate by 10%, it is **16.6936, 17.3424, 19.0251**.

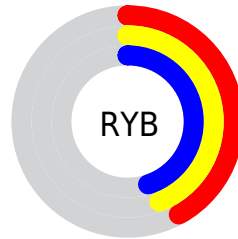
Distribution



Red (42%)

Green (45%)

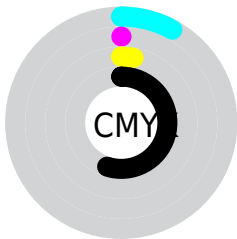
Blue (44%)



Red (42%)

Yellow (44%)

Blue (45%)

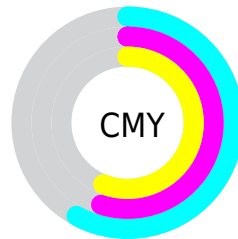


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9438, 16.4733, 17.4310 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 14.9438, 16.4733, 17.4310 by changing the saturation by 10% instead.

■ 14.9438, 16.4733,
17.4310

■ 14.9438, 16.4733,
17.4310

216.4209,
232.1186, 249.7715

■ 8.8660, 9.8597,
10.3771

■ 34.3270, 37.4179,
39.8661

■ 4.7103, 5.3060,
5.5408

■ 48.3632, 52.5178,
56.0843

■ 2.1113, 2.4279,
2.5037

■ 65.7828, 71.2151,
76.1944

■ 0.6953, 0.8402,
0.8421

■ 86.9513, 93.8944,
100.6149

■ 0.0000, 0.0000,
0.0000

112.2340,
120.9400, 129.7643

141.9963,

152.7363, 164.0612

176.6035,
189.6677, 203.9241

■ 14.9438, 16.4733,
17.4310

■ 14.9438, 16.4733,
17.4310

■ 13.3943, 15.7066,
15.9311

■ 16.6936, 17.3424,
19.0251

■ 12.0364, 15.0363,
14.5225

■ 18.6495, 18.3153,
20.7140

■ 10.8623, 14.4590,
13.2038

■ 20.8187, 19.3963,
22.4997

■ 9.8635, 13.9703,
11.9732

■ 23.2075, 20.5886,
24.3837

■ 9.0309, 13.5656,
10.8287

■ 25.8223, 21.8953,
26.3677

■ 8.3541, 13.2394,
9.7682

■ 28.6688, 23.3195,
28.4532

■ 7.8217, 12.9861,
8.7897

■ 31.7527, 24.8641,
30.6417

■ 7.4209, 12.7989,
7.8908

■ 35.0797, 26.5319,
32.9345

■ 7.1162, 12.6597,
7.0682

■ 38.6548, 28.3256,
35.3332

Harmonies

Analogous

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



15.1250, 16.4733, 16.4971



14.9438, 16.4733, 17.4310



14.9515, 16.4733, 18.5389

Triad

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



14.9438, 16.4733, 17.4310



15.8663, 16.4733, 20.0686



16.1798, 16.4733, 16.4382

Complementary

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



14.9438, 16.4733, 17.4310



15.0393, 15.0791, 16.8704

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.



16.3851, 16.4733, 17.3475



14.9438, 16.4733, 17.4310



16.2021, 16.4733, 19.4575

Square

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



14.9438, 16.4733, 17.4310



15.4798, 16.4733, 20.0932



16.3933, 16.4733, 18.4519



15.8363, 16.4733, 15.9402

Rectangle

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



14.9438, 16.4733, 17.4310



15.0627, 16.4733, 19.2282



16.3933, 16.4733, 18.4519



16.2675, 16.4733, 16.7042

Sweetspot

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



14.9443, 16.4740, 17.4314



28.5240, 30.3740, 32.8402



15.1694, 16.6210, 16.0445



6.8166, 7.2520, 7.8452



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.



14.9443, 16.4740, 17.4314



26.3470, 29.2941, 30.8242



15.1184, 16.4617, 18.6011



3.7178, 4.1291, 4.3479



8.0518, 14.4347, 7.8290



38.8010, 70.1677, 35.8529

Inverse Universe

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



15.0393, 15.0791, 16.8704



26.5460, 26.3734, 29.6497



14.8727, 15.0869, 15.7640



3.7453, 3.7254, 4.1856



8.7583, 4.4371, 3.9356



42.2626, 21.4552, 16.9781

Previews

White Background



This preview shows how the XYZ color 14.9438, 16.4733, 17.4310 looks on a white background.

Color Contrast Check

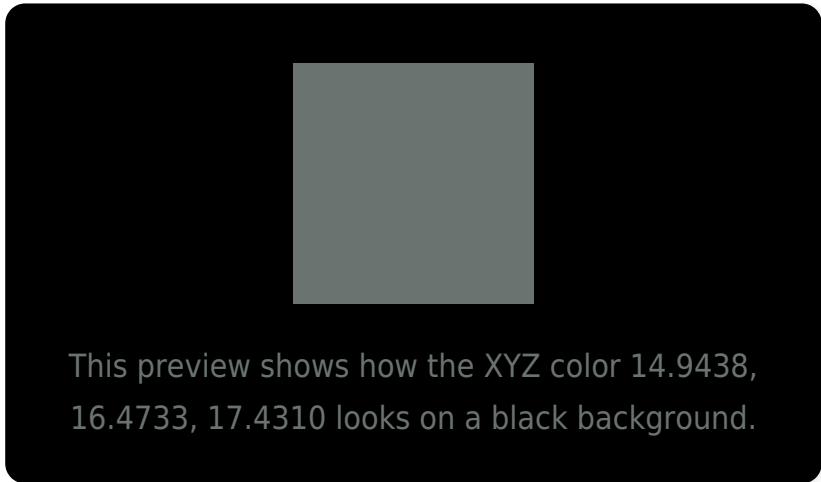
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

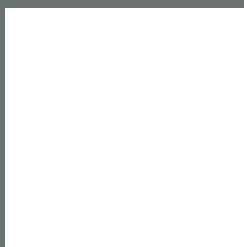
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9438, 16.4733, 17.4310

Background



This preview shows how black text looks on a background with the XYZ color 14.9438, 16.4733, 17.4310.



This preview shows how white text looks on a background with the XYZ color 14.9438, 16.4733,

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

14.9438, 16.4733, 17.4310

Protanopia

15.7569, 16.4055, 16.8041

Deuteranopia

16.7054, 16.3922, 17.6128



Tritanopia

15.6023, 16.4035, 20.7562

Trichromacy



Original Color

14.9438, 16.4733, 17.4310

Protanomaly

15.4017, 16.3808, 17.1019

Deuteranomaly

15.9452, 16.3206, 17.6390

Tritanomaly

15.3507, 16.4684, 19.5092

Monochromacy



Original Color

14.9438, 16.4733, 17.4310

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2602, 16.2951, 17.6702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9438, 16.4733, 17.4310 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(106, 115, 111)` looks like.

```
.text, #text, p{  
    color:rgb(106, 115, 111)  
}
```

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(106, 115, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 115, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.9438, 16.4733, 17.4310 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(106, 115, 111) }
```


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

```
.border{ border-color:rgb(106, 115, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 115, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 115, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 115, 111);  
box-shadow:4px 4px 4px 4px rgb(106, 115,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9438, 16.4733, 17.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 115, 111) }
```

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

```
.background{ background-color: rgb(106,  
115, 111) }
```

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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