

Converting Colors

XYZ(14.4179, 13.6323, 15.0297)

Have a look what the booklet for
XYZ(14.4179, 13.6323, 15.0297)
contains.

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Color

**XYZ(14.3376, 13.5864,
14.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	766268
RGB	118, 98, 104
RGB Percent	46%, 38%, 41%
CMY	0.5373, 0.6157, 0.5922
CMYK	0.00, 0.17, 0.12, 0.54
HSL	342°, 9%, 42%
HSV	342°, 17%, 46%
XYZ	14.3376, 13.5864, 14.9635
YIQ	104.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

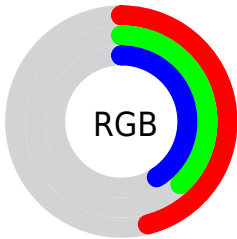
Format	Color
R _Y B	118, 98, 104
Decimal	7758440
CIE Lab	43.63, 9.12, -0.39
CIE LCh	44, 9.130, 357.534
Yxy	13.5864, 0.3343, 0.3168
Android (android.graphics.Color)	4285948520 (0xFF766268)
YUV	104.6640, -0.3274, 11.6957
Hunter-Lab	36.8597, 4.9279, 1.7326

Details

The XYZ color **14.3376, 13.5864, 14.9635** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4406, 16.7237, 17.7969**, and the grayscale version is **13.3358, 14.0302, 15.2789**.

A 20% lighter version of the original color is **33.2414, 32.4075, 35.5136**, and **4.3766, 3.9283, 4.3985** is the 20% darker color. If you saturate the color by 10%, you get **12.9147, 11.3794, 12.5194**, and if you desaturate by 10%, it is **15.9652, 16.1367, 17.6790**.

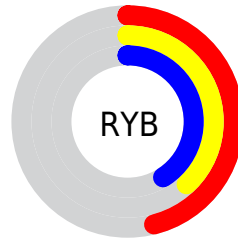
Distribution



Red (46%)

Green (38%)

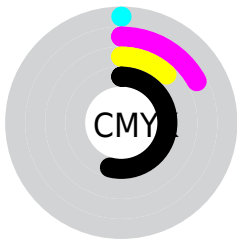
Blue (41%)



Red (46%)

Yellow (38%)

Blue (41%)

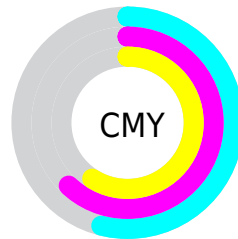


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (54%)



Cyan (54%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3376, 13.5864, 14.9635 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 14.3376, 13.5864, 14.9635 by changing the saturation by 10% instead.

■ 14.3376, 13.5864,
14.9635

■ 14.3376, 13.5864,
14.9635

212.7899,
214.6424, 234.7784

■ 8.4391, 7.8336,
8.6474

■ 33.2681, 32.3533,
35.5305

■ 4.4313, 3.9886,
4.4183

■ 47.0309, 46.1362,
50.6186

■ 1.9489, 1.6672,
1.8575

■ 64.1458, 63.3646,
69.4677

■ 0.6050, 0.4023,
0.4655

■ 84.9782, 84.4228,
92.4964

■ 0.0000, 0.0000,
0.0000

109.8935,
109.6953, 120.1233

139.2569,

139.5665, 152.7669

173.4340,
174.4207, 190.8457

■ 14.3376, 13.5864,
14.9635

■ 14.3376, 13.5864,
14.9635

■ 12.9147, 11.3794,
12.5194

■ 15.9652, 16.1367,
17.6790

■ 11.6870, 9.4991,
10.3373

■ 17.8042, 19.0422,
20.6732

■ 10.6461, 7.9305,
8.4085

■ 19.8622, 22.3165,
23.9542

■ 9.7825, 6.6564,
6.7233

■ 22.1463, 25.9720,
27.5294

■ 9.0856, 5.6583,
5.2716

■ 24.6632, 30.0204,
31.4062

■ 8.5440, 4.9152,
4.0423

■ 27.4193, 34.4731,
35.5915

■ 8.1445, 4.4034,
3.0235

■ 30.4208, 39.3407,
40.0920

■ 7.8589, 4.0692,
2.1977

■ 33.6736, 44.6339,
44.9142

■ 7.7805, 3.9753,
1.9780

■ 37.1835, 50.3625,
50.0644

Harmonies

Analogous

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



14.1096, 13.5864, 17.0112



14.3376, 13.5864, 14.9635



14.1725, 13.5864, 13.0453

Triad

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



14.3376, 13.5864, 14.9635



12.2877, 13.5864, 11.5667



12.1888, 13.5864, 18.3736

Complementary

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



14.3376, 13.5864, 14.9635



14.4406, 16.7237, 17.7969

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.



11.7313, 13.5864, 16.6909



14.3376, 13.5864, 14.9635



11.7869, 13.5864, 12.7770

Square

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



14.3376, 13.5864, 14.9635



12.9728, 13.5864, 11.1950



11.5869, 13.5864, 14.6244



12.8543, 13.5864, 19.0902

Rectangle

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



14.3376, 13.5864, 14.9635



13.8650, 13.5864, 12.0724



11.5869, 13.5864, 14.6244



12.0065, 13.5864, 17.8950

Sweetspot

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



14.3380, 13.5870, 14.9638



28.6330, 29.2571, 32.0077



14.3203, 13.4888, 18.9886



6.5441, 6.6650, 7.2948



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.



14.3380, 13.5870, 14.9638



24.2816, 22.4442, 24.7310



14.4277, 14.2367, 13.5436



3.7250, 3.7173, 4.0786



8.4122, 4.2986, 2.1129



40.6569, 20.8129, 8.5225

Inverse Universe

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



14.3380, 13.5870, 14.9638



24.2816, 22.4442, 24.7310



14.3248, 15.9397, 19.4614



3.7250, 3.7173, 4.0786



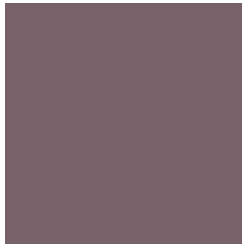
8.4122, 4.2986, 2.1129



40.6569, 20.8129, 8.5225

Previews

White Background



This preview shows how the XYZ color 14.3376, 13.5864, 14.9635 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 14.3376, 13.5864, 14.9635 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

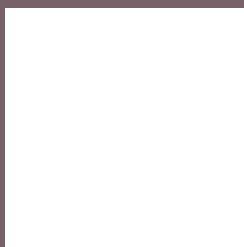
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3376, 13.5864, 14.9635

Background



This preview shows how black text looks on a background with the XYZ color 14.3376, 13.5864, 14.9635.



This preview shows how white text looks on a background with the XYZ color 14.3376, 13.5864,

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

14.3376, 13.5864, 14.9635

Protanopia

13.2130, 13.7051, 15.8589

Deuteranopia

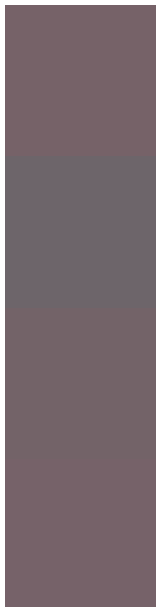
13.8659, 13.6245, 14.9957



Tritanopia

14.3887, 13.6068, 15.2326

Trichromacy



Original Color

14.3376, 13.5864, 14.9635

Protanomaly

13.5619, 13.5992, 15.5458

Deuteranomaly

14.0308, 13.5680, 14.9761

Tritanomaly

14.3887, 13.6068, 15.2326

Monochromacy



Original Color

14.3376, 13.5864, 14.9635

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7316, 13.8377, 15.3118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3376, 13.5864, 14.9635 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, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(118, 98, 104)  
}
```

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, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 98, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.3376, 13.5864, 14.9635 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, 98, 104) }
```


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

```
.border{ border-color:rgb(118, 98, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 98, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(118, 98,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3376, 13.5864, 14.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 98, 104) }
```

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

```
.background{ background-color: rgb(118, 98,  
104) }
```

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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