

Converting Colors

XYZ(14.0675, 16.3810, 9.8918)

Have a look what the booklet for
XYZ(14.0675, 16.3810, 9.8918)
contains.

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Color

**XYZ(14.0871, 16.3703,
9.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	6E744F
RGB	110, 116, 79
RGB Percent	43%, 45%, 31%
CMY	0.5686, 0.5451, 0.6902
CMYK	0.05, 0.00, 0.32, 0.55
HSL	70°, 19%, 38%
HSV	70°, 32%, 45%
XYZ	14.0871, 16.3703, 9.8144
YIQ	109.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

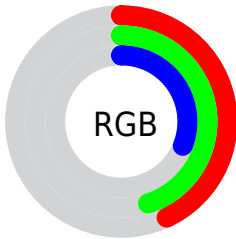
Format	Color
RYB	79, 116, 85
Decimal	7238735
CIELab	47.46, -8.92, 19.73
CIElCh	47, 21.655, 114.311
Yxy	16.3703, 0.3498, 0.4065
Android (android.graphics.Color)	4285428815 (0xFF6E744F)
YUV	109.9880, -15.2771, 0.0105
Hunter-Lab	40.4602, -8.6568, 13.9402

Details

The XYZ color **14.0871, 16.3703, 9.8144** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.6952, 8.7846, 17.7085**, and the grayscale version is **14.8587, 15.6325, 17.0238**.

A 20% lighter version of the original color is **32.7992, 37.2452, 25.8824**, and **4.3425, 5.2739, 2.3025** is the 20% darker color. If you saturate the color by 10%, you get **13.4697, 16.0971, 7.7706**, and if you desaturate by 10%, it is **14.7840, 16.6770, 12.2474**.

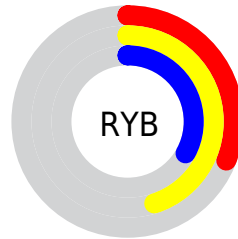
Distribution



Red (43%)

Green (45%)

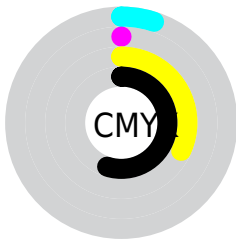
Blue (31%)



Red (31%)

Yellow (45%)

Blue (33%)

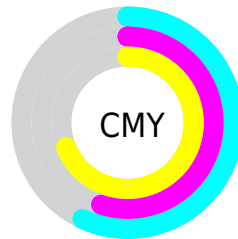


Cyan (5%)

Magenta (0%)

Yellow (32%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0871, 16.3703, 9.8144 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 14.0871, 16.3703, 9.8144 by changing the saturation by 10% instead.

■ 14.0871, 16.3703,
9.8144

■ 14.0871, 16.3703,
9.8144

211.2718,
231.5170, 199.7787

■ 8.2634, 9.7866,
5.1721

■ 32.8285, 37.2399,
26.0481

■ 4.3172, 5.2577,
2.2881

■ 46.4768, 52.2945,
38.4767

■ 1.8831, 2.3992,
0.7245

■ 63.4641, 70.9416,
54.3377

■ 0.5670, 0.8255,
0.0000

■ 84.1557, 93.5654,
74.0497

■ 0.0000, 0.0000,
0.0000

■ 108.9169,
120.5505, 98.0312

138.1130,

152.2812, 126.7009

172.1096,
189.1419, 160.4772

■ 14.0871, 16.3703,
9.8144

■ 14.0871, 16.3703,
9.8144

■ 13.4697, 16.0971,
7.7706

■ 14.7840, 16.6770,
12.2474

■ 12.9267, 15.8537,
6.0946

■ 15.5628, 17.0164,
15.0871

■ 12.4543, 15.6392,
4.7649

■ 16.4272, 17.3907,
18.3514

■ 12.0479, 15.4516,
3.7571

■ 17.3804, 17.8010,
22.0569

■ 11.7023, 15.2888,
3.0437

■ 18.4254, 18.2487,
26.2191

■ 11.4111, 15.1484,
2.5924

■ 19.5650, 18.7348,
30.8528

■ 11.1952, 15.0430,
2.3135

■ 20.8019, 19.2604,
35.9722

■ 22.1388, 19.8266,
41.5909

■ 23.5781, 20.4344,
47.7219

Harmonies

Analogous

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



15.9287, 16.3703, 9.2309



14.0871, 16.3703, 9.8144



12.7468, 16.3703, 12.3356

Triad

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



14.0871, 16.3703, 9.8144



13.5016, 16.3703, 27.8765



19.5341, 16.3703, 18.8943

Complementary

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



14.0871, 16.3703, 9.8144



9.6952, 8.7846, 17.7085

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.



18.7581, 16.3703, 24.7392



14.0871, 16.3703, 9.8144



15.1960, 16.3703, 30.5665

Square

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



14.0871, 16.3703, 9.8144



12.4288, 16.3703, 22.5464



17.1310, 16.3703, 29.3140



19.1761, 16.3703, 13.8126

Rectangle

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



14.0871, 16.3703, 9.8144



12.2659, 16.3703, 15.1129



17.1310, 16.3703, 29.3140



19.3954, 16.3703, 20.8424

Sweetspot

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



14.0875, 16.3710, 9.8147



27.5945, 30.0141, 27.4104



11.8275, 10.7043, 8.8401



6.5443, 7.1434, 6.3946



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.



14.0875, 16.3710, 9.8147



23.9808, 28.4300, 14.6444



12.0659, 15.3288, 9.7201



3.9111, 4.2377, 3.9541



12.5501, 16.8742, 2.5956



60.5511, 81.9170, 12.6202

Inverse Universe

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



9.6952, 8.7846, 17.7085



15.0227, 12.9515, 30.7526



11.5481, 9.7398, 17.7952



3.5509, 3.6158, 4.6010



3.8233, 1.5623, 18.6426



18.1358, 7.3579, 90.8246

Previews

White Background



This preview shows how the XYZ color 14.0871, 16.3703, 9.8144 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 14.0871, 16.3703, 9.8144 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

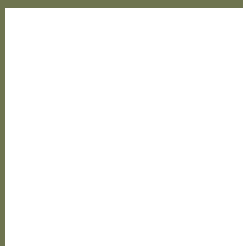
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0871, 16.3703, 9.8144

Background



This preview shows how black text looks on a background with the XYZ color 14.0871, 16.3703, 9.8144.



This preview shows how white text looks on a background with the XYZ color 14.0871, 16.3703,

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

14.0871, 16.3703, 9.8144

Protanopia

15.1598, 16.2617, 9.3610

Deuteranopia

16.5206, 16.3058, 10.0612



Tritanopia

16.1448, 16.3698, 20.0781

Trichromacy



Original Color

14.0871, 16.3703, 9.8144

Protanomaly

14.7515, 16.2119, 9.5594

Deuteranomaly

15.5899, 16.3080, 9.9155

Tritanomaly

15.2650, 16.3409, 15.7142

Monochromacy



Original Color

14.0871, 16.3703, 9.8144

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4767, 15.8042, 14.0919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0871, 16.3703, 9.8144 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(110, 116, 79)` looks like.

```
.text, #text, p{  
    color:rgb(110, 116, 79)  
}
```

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(110, 116, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 116, 79) }
```

Border

The CSS property to change the border of an element to XYZ 14.0871, 16.3703, 9.8144 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(110, 116, 79) }
```


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

```
.border{ border-color:rgb(110, 116, 79) }
```

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

Here you see how a box with a 4 pixel rgb(110, 116, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 116, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 116, 79);  
box-shadow:4px 4px 4px 4px rgb(110, 116,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0871, 16.3703, 9.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 116, 79) }
```

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

```
.background{ background-color: rgb(110,  
116, 79) }
```

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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