

Converting Colors

XYZ(16.0041, 13.9336, 7.6394)

Have a look what the booklet for
XYZ(16.0041, 13.9336, 7.6394)
contains.

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Color

**XYZ(16.0043, 13.9336,
7.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5D46
RGB	141, 93, 70
RGB Percent	55%, 36%, 27%
CMY	0.4471, 0.6353, 0.7255
CMYK	0.00, 0.34, 0.50, 0.45
HSL	19°, 34%, 41%
HSV	19°, 50%, 55%
XYZ	16.0043, 13.9336, 7.6403
YIQ	104.7300, 35.9910, 3.0230

Conversions

Conversions Part 2

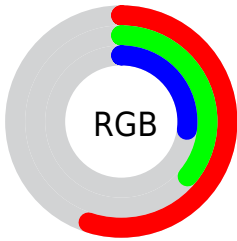
Format	Color
R_{YB}	141, 104, 70
Decimal	9264454
CIE _{Lab}	44.14, 16.89, 21.19
CIE _{LCh}	44, 27.099, 51.449
Yxy	13.9336, 0.4259, 0.3708
Android (android.graphics.Color)	4287454534 (0xFF8D5D46)
YUV	104.7300, -17.1219, 31.8088
Hunter-Lab	37.3277, 11.2085, 13.9938

Details

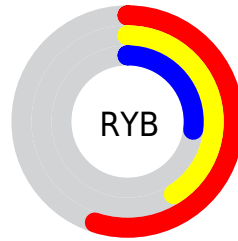
The XYZ color **16.0043, 13.9336, 7.6403** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.8116, 16.1812, 27.5944**, and the grayscale version is **13.3925, 14.0900, 15.3440**.

A 20% lighter version of the original color is **36.3290, 33.1487, 21.9364**, and **5.2275, 4.1823, 1.5090** is the 20% darker color. If you saturate the color by 10%, you get **14.8253, 12.2063, 5.3034**, and if you desaturate by 10%, it is **17.3928, 15.9127, 10.5630**.

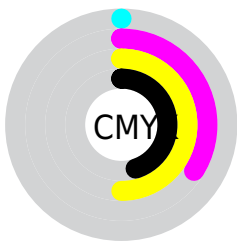
Distribution



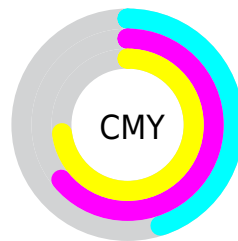
- Red (55%)
- Green (36%)
- Blue (27%)



- Red (55%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (45%)





- Cyan (45%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0043, 13.9336, 7.6403 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 16.0043, 13.9336, 7.6403 by changing the saturation by 10% instead.


 16.0043, 13.9336,
7.6403

 16.0043, 13.9336,
7.6403

222.6370,
216.8174, 182.7108


 9.6181, 8.0745,
3.7812


 36.1631, 32.9712,
21.7846


 5.2068, 4.1427,
1.5061

 50.6663, 46.9184,
32.9069


 2.4051, 1.7537,
0.2225

 68.6059, 64.3305,
47.2874

 0.8476, 0.4581,
0.0000

 90.3472, 85.5918,
65.3445

 0.0000, 0.0000,
0.0000

 116.2556,
111.0868, 87.4969

146.6965,

141.1998, 114.1630

182.0352,
176.3152, 145.7615

■ 16.0043, 13.9336,
7.6403

■ 16.0043, 13.9336,
7.6403

■ 14.8253, 12.2063,
5.3034

■ 17.3928, 15.9127,
10.5630

■ 13.8436, 10.7181,
3.5110

■ 19.0001, 18.1515,
14.1073

■ 13.0470, 9.4582,
2.2179

■ 20.8362, 20.6600,
18.3068

■ 12.4214, 8.4140,
1.3708

■ 22.9101, 23.4471,
23.1928

■ 11.9491, 7.5920,
0.8356

■ 25.2302, 26.5213,
28.7943

■ 27.8047, 29.8905,
35.1388

■ 30.6411, 33.5626,
42.2522

■ 33.7468, 37.5451,
50.1593

■ 37.1289, 41.8450,
58.8836

Harmonies

Analogous

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



17.4977, 13.9336, 11.2239



16.0043, 13.9336, 7.6403



13.8707, 13.9336, 6.1864

Triad

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



16.0043, 13.9336, 7.6403



9.5461, 13.9336, 13.4705



14.8212, 13.9336, 29.1546

Complementary

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



16.0043, 13.9336, 7.6403



13.8116, 16.1812, 27.5944

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.



12.6355, 13.9336, 30.2368



16.0043, 13.9336, 7.6403



9.7415, 13.9336, 19.9503

Square

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



16.0043, 13.9336, 7.6403



10.2535, 13.9336, 8.8999



10.8199, 13.9336, 26.5054



16.7646, 13.9336, 23.8577

Rectangle

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



16.0043, 13.9336, 7.6403



12.4360, 13.9336, 6.2440



10.8199, 13.9336, 26.5054



14.0852, 13.9336, 30.0716

Sweetspot

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



16.0046, 13.9343, 7.6406



39.1293, 39.4474, 37.0309



16.4755, 11.3634, 18.6260



8.5881, 8.6068, 7.9149



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.0046, 13.9343, 7.6406



26.3713, 21.5932, 9.1581



19.8069, 21.5388, 8.9080



5.5427, 5.6917, 5.6958



10.9086, 6.9489, 0.7663



0.1227, 0.1032, 0.0134

Inverse Universe

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



13.8116, 16.1812, 27.5944



21.9666, 26.0289, 48.9942



10.4281, 9.4144, 26.4666



5.4150, 5.8257, 6.8678



8.1559, 9.2978, 24.3419



0.0980, 0.1290, 0.2394

Previews

White Background



This preview shows how the XYZ color 16.0043, 13.9336, 7.6403 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 16.0043, 13.9336, 7.6403 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 16.0043, 13.9336, 7.6403

Background



This preview shows how black text looks on a background with the XYZ color 16.0043, 13.9336, 7.6403.



This preview shows how white text looks on a background with the XYZ color 16.0043, 13.9336,

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

16.0043, 13.9336, 7.6403

Protanopia

13.1316, 14.1219, 8.6903

Deuteranopia

14.2355, 13.9796, 7.5783



Tritanopia

17.0952, 13.9965, 12.8669

Trichromacy



Original Color

16.0043, 13.9336, 7.6403

Protanomaly

14.0247, 13.9994, 8.2663

Deuteranomaly

14.7089, 13.8044, 7.5195

Tritanomaly

16.6167, 13.9211, 10.8281

Monochromacy



Original Color

16.0043, 13.9336, 7.6403

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.0567, 13.9316, 12.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0043, 13.9336, 7.6403 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(141, 93, 70)` looks like.

```
.text, #text, p{  
    color:rgb(141, 93, 70)  
}
```

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(141, 93, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 93, 70) }
```

Border

The CSS property to change the border of an element to XYZ 16.0043, 13.9336, 7.6403 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(141, 93, 70) }
```


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

```
.border{ border-color:rgb(141, 93, 70) }
```

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

Here you see how a box with a 4 pixel rgb(141, 93, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 93, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 93, 70);  
box-shadow:4px 4px 4px 4px rgb(141, 93,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0043, 13.9336, 7.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 93, 70) }
```

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

```
.background{ background-color: rgb(141, 93,  
70) }
```

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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