

Converting Colors

XYZ(16.7737, 15.6243, 6.0081)

Have a look what the booklet for
XYZ(16.7737, 15.6243, 6.0081)
contains.

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Color

**XYZ(16.8176, 15.6378,
6.0029)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6639
RGB	143, 102, 57
RGB Percent	56%, 40%, 22%
CMY	0.4392, 0.6000, 0.7765
CMYK	0.00, 0.29, 0.60, 0.44
HSL	31°, 43%, 39%
HSV	31°, 60%, 56%
XYZ	16.8176, 15.6378, 6.0029
YIQ	109.1290, 38.8810, -5.3030

Conversions

Conversions Part 2

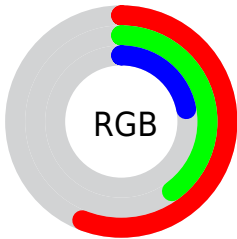
Format	Color
R_{YB}	135, 143, 57
Decimal	9397817
CIE _{Lab}	46.50, 11.32, 31.63
CIE _{LCh}	46, 33.597, 70.303
Yxy	15.6378, 0.4373, 0.4066
Android (android.graphics.Color)	4287587897 (0xFF8F6639)
YUV	109.1290, -25.6996, 29.7049
Hunter-Lab	39.5447, 6.7095, 18.6810

Details

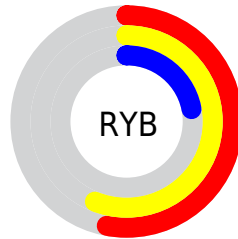
The XYZ color **16.8176, 15.6378, 6.0029** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.0127, 11.5879, 27.6428**, and the grayscale version is **14.6358, 15.3980, 16.7684**.

A 20% lighter version of the original color is **37.4942, 35.9445, 18.3264**, and **5.5464, 4.8804, 0.9663** is the 20% darker color. If you saturate the color by 10%, you get **15.8673, 14.2300, 4.1672**, and if you desaturate by 10%, it is **17.9242, 17.1975, 8.3868**.

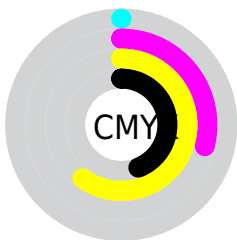
Distribution



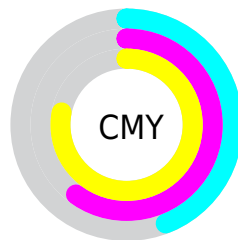
- Red (56%)
- Green (40%)
- Blue (22%)



- Red (53%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (29%)
- Yellow (60%)
- Black (44%)



- Cyan (44%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.8176, 15.6378, 6.0029 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 16.8176, 15.6378, 6.0029 by changing the saturation by 10% instead.

■ 16.8176, 15.6378,
6.0029

■ 16.8176, 15.6378,
6.0029

227.2959,
227.1949, 168.4040

■ 10.1990, 9.2682,
2.7780

■ 37.5580, 35.9683,
18.4147

■ 5.5944, 4.9165,
0.9824

■ 52.4105, 50.6979,
28.4387

■ 2.6384, 2.1984,
0.0000

■ 70.7384, 68.9831,
41.5661

■ 0.9655, 0.7191,
0.0000

■ 92.9071, 91.2081,
58.2156

■ 0.0000, 0.0000,
0.0000

■ 119.2818,
117.7574, 78.8055

■ 150.2279,

149.0154, 103.7546

186.1108,
185.3664, 133.4812

■ 16.8176, 15.6378,
6.0029

■ 16.8176, 15.6378,
6.0029

■ 15.8673, 14.2300,
4.1672

■ 17.9242, 17.1975,
8.3868

■ 15.0623, 12.9658,
2.8327

■ 19.1951, 18.9125,
11.3589

■ 14.3913, 11.8391,
1.9457

■ 20.6386, 20.7888,
14.9564

■ 13.8323, 10.8489,
1.3650

■ 22.2624, 22.8312,
19.2132

■ 24.0736, 25.0446,
24.1607

■ 26.0787, 27.4332,
29.8283

■ 28.2841, 30.0014,
36.2437

■ 30.6957, 32.7534,
43.4330

■ 33.3193, 35.6929,
51.4212

Harmonies

Analogous

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



19.5207, 15.6378, 8.6628



16.8176, 15.6378, 6.0029



13.8906, 15.6378, 5.6722

Triad

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



16.8176, 15.6378, 6.0029



10.0356, 15.6378, 20.0373



18.7585, 15.6378, 32.2909

Complementary

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



16.8176, 15.6378, 6.0029



11.0127, 11.5879, 27.6428

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.



15.8803, 15.6378, 37.9962



16.8176, 15.6378, 6.0029



11.0126, 15.6378, 29.5465

Square

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



16.8176, 15.6378, 6.0029



10.2181, 15.6378, 12.2031



13.0665, 15.6378, 36.8549



20.7381, 15.6378, 22.9791

Rectangle

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



16.8176, 15.6378, 6.0029



12.2301, 15.6378, 6.6455



13.0665, 15.6378, 36.8549



17.8496, 15.6378, 34.8120

Sweetspot

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



16.8180, 15.6386, 6.0032



40.4144, 41.5619, 35.8748



15.0223, 9.6586, 12.7687



9.0802, 9.2987, 7.7232



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.8180, 15.6386, 6.0032



27.9001, 24.6895, 6.5583



21.6421, 25.6528, 7.6819



5.6277, 5.8617, 5.7242



12.2515, 9.6347, 1.2140



0.1392, 0.1363, 0.0190

Inverse Universe

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



11.0127, 11.5879, 27.6428



16.5483, 16.7788, 48.9045



8.1914, 5.8222, 26.6786



5.3284, 5.6525, 6.8390



6.2413, 5.4686, 23.7037



0.0815, 0.0959, 0.2339

Previews

White Background



This preview shows how the XYZ color 16.8176, 15.6378, 6.0029 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 16.8176, 15.6378, 6.0029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

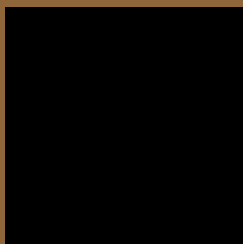
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.8176, 15.6378, 6.0029

Background



This preview shows how black text looks on a background with the XYZ color 16.8176, 15.6378, 6.0029.



This preview shows how white text looks on a background with the XYZ color 16.8176, 15.6378,

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

16.8176, 15.6378, 6.0029

Protanopia

14.5261, 15.8327, 6.5654

Deuteranopia

15.9187, 15.6229, 5.9179



Tritanopia

18.8060, 15.7519, 15.1459

Trichromacy



Original Color

16.8176, 15.6378, 6.0029

Protanomaly

15.3579, 15.7867, 6.3754

Deuteranomaly

16.3116, 15.6751, 5.9073

Tritanomaly

18.0362, 15.7228, 11.1010

Monochromacy



Original Color

16.8176, 15.6378, 6.0029

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8847, 15.1112, 11.8051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.8176, 15.6378, 6.0029 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(143, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 57)  
}
```

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(143, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 57) }
```

Border

The CSS property to change the border of an element to XYZ 16.8176, 15.6378, 6.0029 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(143, 102, 57) }
```


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

```
.border{ border-color:rgb(143, 102, 57) }
```

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

Here you see how a box with a 4 pixel rgb(143, 102, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 57);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 16.8176, 15.6378, 6.0029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 57) }
```

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

```
.background{ background-color: rgb(143,  
102, 57) }
```

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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