

Converting Colors

XYZ(18.1407, 16.6474, 11.4897)

Have a look what the booklet for
XYZ(18.1407, 16.6474, 11.4897)
contains.

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Color

**XYZ(18.1407, 16.6474,
11.4897)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6958
RGB	143, 105, 88
RGB Percent	56%, 41%, 35%
CMY	0.4392, 0.5882, 0.6549
CMYK	0.00, 0.27, 0.38, 0.44
HSL	19°, 24%, 45%
HSV	19°, 38%, 56%
XYZ	18.1407, 16.6474, 11.4897
YIQ	114.4240, 28.1050, 2.7690

Conversions

Conversions Part 2

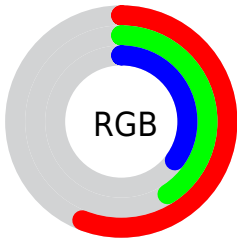
Format	Color
R_{YB}	143, 113, 88
Decimal	9398616
CIE _{Lab}	47.81, 12.82, 15.51
CIE _{LCh}	48, 20.126, 50.419
Yxy	16.6474, 0.3920, 0.3597
Android (android.graphics.Color)	4287588696 (0xFF8F6958)
YUV	114.4240, -13.0270, 25.0612
Hunter-Lab	40.8012, 7.9610, 11.8647

Details

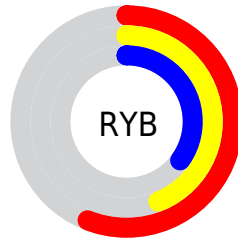
The XYZ color **18.1407, 16.6474, 11.4897** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4429, 18.9788, 28.7831**, and the grayscale version is **16.1541, 16.9954, 18.5080**.

A 20% lighter version of the original color is **39.7646, 37.6177, 29.2099**, and **6.2454, 5.4174, 2.9070** is the 20% darker color. If you saturate the color by 10%, you get **16.6571, 14.5370, 8.3539**, and if you desaturate by 10%, it is **19.8583, 19.0397, 15.2772**.

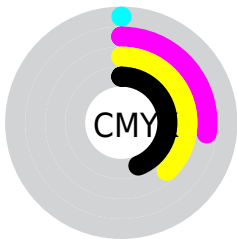
Distribution



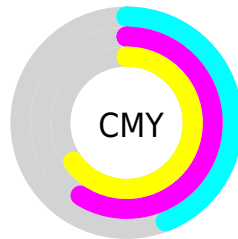
- Red (56%)
- Green (41%)
- Blue (35%)



- Red (56%)
- Yellow (44%)
- Blue (35%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (44%)





- Cyan (44%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.1407, 16.6474, 11.4897 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 18.1407, 16.6474, 11.4897 by changing the saturation by 10% instead.


 18.1407, 16.6474,
11.4897


 18.1407, 16.6474,
11.4897


234.6932,
233.1322, 211.8537


 11.1513, 9.9834,
6.2789


 39.8051, 37.7185,
29.2126


 6.2368, 5.3880,
2.9439


 55.2109, 52.8945,
42.5618


 3.0316, 2.4766,
1.0661

 74.1529, 71.6765,
59.4609

 1.1705, 0.8649,
0.0000

 96.9964, 94.4491,
80.3284

 0.0829, 0.0000,
0.0000

 124.1069,
121.5965, 105.5829

 0.0000, 0.0000,
0.0000

155.8496,

153.5032, 135.6429

192.5899,
190.5537, 170.9270

■ 18.1407, 16.6474,
11.4897

■ 18.1407, 16.6474,
11.4897

■ 16.6571, 14.5370,
8.3539

■ 19.8583, 19.0397,
15.2772

■ 15.3954, 12.6953,
5.8315

■ 21.8187, 21.7217,
19.7496

■ 14.3443, 11.1119,
3.8816

■ 24.0317, 24.7036,
24.9392

■ 13.4908, 9.7743,
2.4582

■ 26.5063, 27.9947,
30.8759

■ 12.8202, 8.6691,
1.5077

■ 29.2509, 31.6035,
37.5877

■ 12.3062, 7.7774,
0.9158

■ 32.2736, 35.5386,
45.1013

■ 12.2361, 7.6566,
0.8330

■ 35.5822, 39.8079,
53.4423

■ 39.1840, 44.4192,
62.6348

■ 43.0862, 49.3799,
72.7022

Harmonies

Analogous

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



19.3062, 16.6474, 14.8725



18.1407, 16.6474, 11.4897



16.4080, 16.6474, 9.9805

Triad

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



18.1407, 16.6474, 11.4897



12.6392, 16.6474, 16.5205



17.0658, 16.6474, 29.1378

Complementary

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



18.1407, 16.6474, 11.4897



16.4429, 18.9788, 28.7831

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.



15.2518, 16.6474, 29.8102



18.1407, 16.6474, 11.4897



12.7859, 16.6474, 21.8228

Square

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



18.1407, 16.6474, 11.4897



13.2940, 16.6474, 12.4982



13.7114, 16.6474, 26.9244



18.6536, 16.6474, 25.2317

Rectangle

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



18.1407, 16.6474, 11.4897



15.2030, 16.6474, 9.9975



13.7114, 16.6474, 26.9244



16.4593, 16.6474, 29.7750

Sweetspot

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



18.1411, 16.6482, 11.4900



41.4797, 42.1508, 40.9827



18.6157, 14.3385, 21.6947



9.4088, 9.5269, 9.1553



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.



18.1411, 16.6482, 11.4900



30.2003, 26.5652, 15.7251



21.3404, 23.0467, 12.5565



5.5364, 5.6792, 5.6938



10.8361, 6.8039, 0.7422



0.1214, 0.1007, 0.0130

Inverse Universe

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



16.4429, 18.9788, 28.7831



26.7072, 31.3206, 51.1759



13.4444, 12.9818, 27.7836



5.4215, 5.8388, 6.8700



8.3305, 9.6469, 24.4001



0.0993, 0.1315, 0.2398

Previews

White Background



This preview shows how the XYZ color 18.1407, 16.6474, 11.4897 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 18.1407, 16.6474, 11.4897 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 18.1407, 16.6474, 11.4897

Background



This preview shows how black text looks on a background with the XYZ color 18.1407, 16.6474, 11.4897.



This preview shows how white text looks on a background with the XYZ color 18.1407, 16.6474,

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

18.1407, 16.6474, 11.4897

Protanopia

15.8342, 16.8723, 12.5473

Deuteranopia

17.0205, 16.6937, 11.3420



Tritanopia

19.2429, 16.6483, 16.9511

Trichromacy



Original Color

18.1407, 16.6474, 11.4897

Protanomaly

16.6260, 16.7913, 12.2623

Deuteranomaly

17.3994, 16.7316, 11.3293

Tritanomaly

18.7501, 16.5891, 14.7841

Monochromacy



Original Color

18.1407, 16.6474, 11.4897

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.6917, 16.7488, 15.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1407, 16.6474, 11.4897 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, 105, 88)` looks like.

```
.text, #text, p{  
    color:rgb(143, 105, 88)  
}
```

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, 105, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 105, 88) }
```

Border

The CSS property to change the border of an element to XYZ 18.1407, 16.6474, 11.4897 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, 105, 88) }
```


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

```
.border{ border-color:rgb(143, 105, 88) }
```

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

Here you see how a box with a 4 pixel rgb(143, 105, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 105, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 105, 88);  
box-shadow:4px 4px 4px 4px rgb(143, 105,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1407, 16.6474, 11.4897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 105, 88) }
```

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

```
.background{ background-color: rgb(143,  
105, 88) }
```

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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