

Converting Colors

XYZ(18.0147, 17.7455, 8.9543)

Have a look what the booklet for
XYZ(18.0147, 17.7455, 8.9543)
contains.

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Color

**XYZ(18.0147, 17.7455,
8.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	8D704A
RGB	141, 112, 74
RGB Percent	55%, 44%, 29%
CMY	0.4471, 0.5608, 0.7098
CMYK	0.00, 0.21, 0.48, 0.45
HSL	34°, 31%, 42%
HSV	34°, 48%, 55%
XYZ	18.0147, 17.7455, 8.9543
YIQ	116.3390, 29.4820, -5.6700

Conversions

Conversions Part 2

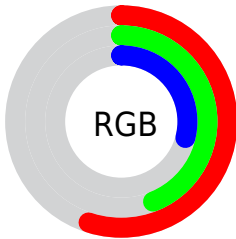
Format	Color
RYB	125, 141, 74
Decimal	9269322
CIELab	49.19, 6.24, 25.42
CIELCh	49, 26.170, 76.214
Yxy	17.7455, 0.4029, 0.3969
Android (android.graphics.Color)	4287459402 (0xFF8D704A)
YUV	116.3390, -20.8731, 21.6277
Hunter-Lab	42.1254, 2.6151, 16.8849

Details

The XYZ color **18.0147, 17.7455, 8.9543** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.4818, 13.0788, 27.0658**, and the grayscale version is **16.7608, 17.6336, 19.2030**.

A 20% lighter version of the original color is **39.6156, 39.7167, 24.3170**, and **6.1750, 5.8793, 1.9718** is the 20% darker color. If you saturate the color by 10%, you get **16.9414, 16.2757, 6.5099**, and if you desaturate by 10%, it is **19.2410, 19.3508, 11.9755**.

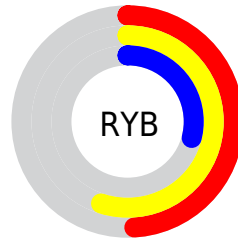
Distribution



Red (55%)

Green (44%)

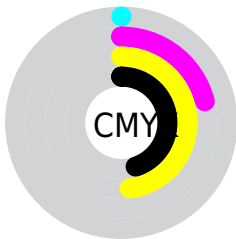
Blue (29%)



Red (49%)

Yellow (55%)

Blue (29%)

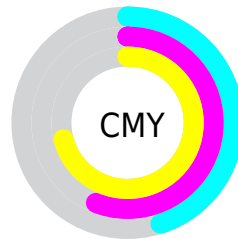


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0147, 17.7455, 8.9543 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 18.0147, 17.7455, 8.9543 by changing the saturation by 10% instead.

■ 18.0147, 17.7455,
8.9543

■ 18.0147, 17.7455,
8.9543

233.9979,
239.4326, 193.2421

■ 11.0603, 10.7674,
4.6150

■ 39.5923, 39.6032,
24.3854

■ 6.1750, 5.9107,
1.9684

■ 54.9461, 55.2516,
36.3143

■ 2.9934, 2.7908,
0.5358

■ 73.8305, 74.5589,
51.6101

■ 1.1503, 1.0235,
0.0000

■ 96.6108, 97.9095,
70.6914

■ 0.0666, 0.0000,
0.0000

■ 123.6523,
125.6877, 93.9767

■ 0.0000, 0.0000,
0.0000

155.3204,

158.2781, 121.8846

191.9805,
196.0649, 154.8335

■ 18.0147, 17.7455,
8.9543

■ 18.0147, 17.7455,
8.9543

■ 16.9414, 16.2757,
6.5099

■ 19.2410, 19.3508,
11.9755

■ 16.0117, 14.9343,
4.6030

■ 20.6265, 21.0936,
15.6071

■ 15.2170, 13.7171,
3.1909

■ 22.1784, 22.9787,
19.8814

■ 14.5470, 12.6182,
2.2242

■ 23.9031, 25.0100,
24.8281

■ 13.9828, 11.6288,
1.6081

■ 25.8067, 27.1913,
30.4751

■ 13.8515, 11.3967,
1.4697

■ 27.8949, 29.5260,
36.8485

■ 30.1731, 32.0177,
43.9733

■ 32.6465, 34.6695,
51.8733

■ 35.3202, 37.4846,
60.5709

Harmonies

Analogous

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



20.3424, 17.7455, 11.1239



18.0147, 17.7455, 8.9543



15.5845, 17.7455, 9.0433

Triad

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



18.0147, 17.7455, 8.9543



12.7338, 17.7455, 23.3411



20.5028, 17.7455, 30.2471

Complementary

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



18.0147, 17.7455, 8.9543



12.4818, 13.0788, 27.0658

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.



18.2171, 17.7455, 35.3960



18.0147, 17.7455, 8.9543



13.8111, 17.7455, 30.7957

Square

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



18.0147, 17.7455, 8.9543



12.6910, 17.7455, 16.2807



15.7683, 17.7455, 35.6181



21.8702, 17.7455, 22.7199

Rectangle

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



18.0147, 17.7455, 8.9543



14.2326, 17.7455, 10.3498



15.7683, 17.7455, 35.6181



19.8070, 17.7455, 32.3855

Sweetspot

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



18.0151, 17.7463, 8.9547



40.6773, 42.2925, 38.3202



15.8832, 11.5404, 14.2313



8.9571, 9.2938, 8.1947



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.



18.0151, 17.7463, 8.9547



30.2137, 28.9704, 11.3866



21.0011, 24.8231, 10.1632



5.6467, 5.8997, 5.7305



12.6459, 10.4236, 1.3454



0.1429, 0.1436, 0.0202

Inverse Universe

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



12.4818, 13.0788, 27.0658



19.0677, 19.5794, 47.9021



10.4369, 8.4603, 26.2821



5.3095, 5.6149, 6.8327



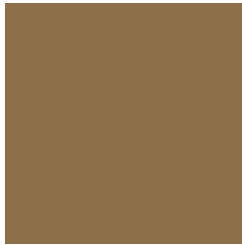
5.9216, 4.8293, 23.5971



0.0778, 0.0886, 0.2327

Previews

White Background



This preview shows how the XYZ color 18.0147, 17.7455, 8.9543 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 18.0147, 17.7455, 8.9543 looks on a black 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

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

XYZ 18.0147, 17.7455, 8.9543

Background



This preview shows how black text looks on a background with the XYZ color 18.0147, 17.7455, 8.9543.



This preview shows how white text looks on a background with the XYZ color 18.0147, 17.7455,

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

18.0147, 17.7455, 8.9543

Protanopia

16.4182, 17.7564, 9.3995

Deuteranopia

18.0147, 17.7455, 8.9543



Tritanopia

20.0293, 17.7729, 18.5945

Trichromacy



Original Color

18.0147, 17.7455, 8.9543

Protanomaly

16.9165, 17.6750, 9.1766

Deuteranomaly

18.0147, 17.7455, 8.9543

Tritanomaly

19.2705, 17.7867, 14.4741

Monochromacy



Original Color

18.0147, 17.7455, 8.9543

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9371, 17.5610, 14.8089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0147, 17.7455, 8.9543 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, 112, 74)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 74)  
}
```

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, 112, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 74) }
```

Border

The CSS property to change the border of an element to XYZ 18.0147, 17.7455, 8.9543 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, 112, 74) }
```


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

```
.border{ border-color:rgb(141, 112, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 74);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0147, 17.7455, 8.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 74) }
```

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

```
.background{ background-color: rgb(141,  
112, 74) }
```

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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