

Converting Colors

XYZ(18.4474, 19.2847, 9.2315)

Have a look what the booklet for
XYZ(18.4474, 19.2847, 9.2315)
contains.

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Color

**XYZ(18.4337, 19.3306,
9.2382)**

Conversions

Conversions Part 1

Format	Color
Hex	8A784A
RGB	138, 120, 74
RGB Percent	54%, 47%, 29%
CMY	0.4588, 0.5294, 0.7098
CMYK	0.00, 0.13, 0.46, 0.46
HSL	43°, 30%, 42%
HSV	43°, 46%, 54%
XYZ	18.4337, 19.3306, 9.2382
YIQ	120.1380, 25.4940, -10.4900

Conversions

Conversions Part 2

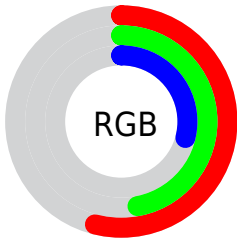
Format	Color
RYB	99, 138, 74
Decimal	9074762
CIELab	51.07, 0.32, 27.76
CIELCh	51, 27.760, 89.345
Yxy	19.3306, 0.3922, 0.4113
Android (android.graphics.Color)	4287264842 (0xFF8A784A)
YUV	120.1380, -22.7460, 15.6650
Hunter-Lab	43.9666, -2.1025, 18.3187

Details

The XYZ color **18.4337, 19.3306, 9.2382** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.2385, 10.9447, 25.5648**, and the grayscale version is **17.9620, 18.8974, 20.5793**.

A 20% lighter version of the original color is **40.3200, 42.2726, 24.7732**, and **6.3647, 6.6970, 2.0558** is the 20% darker color. If you saturate the color by 10%, you get **17.5617, 18.2508, 6.9001**, and if you desaturate by 10%, it is **19.4276, 20.4908, 12.1206**.

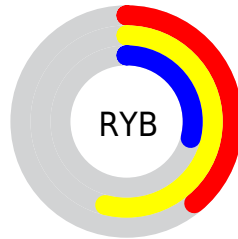
Distribution



Red (54%)

Green (47%)

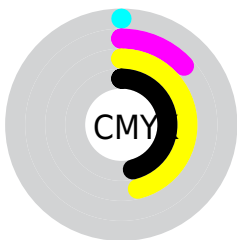
Blue (29%)



Red (39%)

Yellow (54%)

Blue (29%)

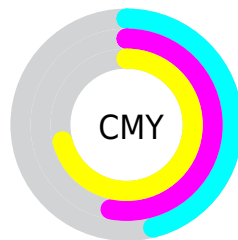


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (46%)



Cyan (46%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4337, 19.3306, 9.2382 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 18.4337, 19.3306, 9.2382 by changing the saturation by 10% instead.

■ 18.4337, 19.3306,
9.2382

■ 18.4337, 19.3306,
9.2382

236.3030,
248.2678, 195.4281

■ 11.3634, 11.9094,
4.7979

■ 40.2993, 42.2920,
24.9374

■ 6.3809, 6.6820,
2.0725

■ 55.8252, 58.6010,
37.0335

■ 3.1209, 3.2640,
0.5994

■ 74.9005, 78.6414,
52.5186

■ 1.2180, 1.2711,
0.0000

■ 97.8903, 102.7975,
71.8112

■ 0.1205, 0.1187,
0.0000

■ 125.1601,
131.4538, 95.3299

■ 0.0000, 0.0000,
0.0000

157.0753,

164.9947, 123.4933

194.0011,
203.8046, 156.7198

■ 18.4337, 19.3306,
9.2382

■ 18.4337, 19.3306,
9.2382

■ 17.5617, 18.2508,
6.9001

■ 19.4276, 20.4908,
12.1206

■ 16.8033, 17.2457,
5.0696

■ 20.5482, 21.7317,
15.5786

■ 16.1510, 16.3125,
3.7071

■ 21.8021, 23.0568,
19.6423

■ 15.5960, 15.4475,
2.7669

■ 23.1945, 24.4686,
24.3395

■ 15.1236, 14.6443,
2.1732

■ 24.7307, 25.9695,
29.6963

■ 14.9615, 14.3639,
1.9840

■ 26.4156, 27.5619,
35.7371

■ 28.2536, 29.2478,
42.4854

■ 30.2493, 31.0293,
49.9632

■ 32.4068, 32.9085,
58.1918

Harmonies

Analogous

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



21.2059, 19.3306, 10.5157



18.4337, 19.3306, 9.2382



15.8996, 19.3306, 10.4070

Triad

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



18.4337, 19.3306, 9.2382



14.1351, 19.3306, 29.3841



23.3126, 19.3306, 29.7605

Complementary

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



18.4337, 19.3306, 9.2382



11.2385, 10.9447, 25.5648

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.



21.0909, 19.3306, 37.2178



18.4337, 19.3306, 9.2382



15.8046, 19.3306, 36.9651

Square

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



18.4337, 19.3306, 9.2382



13.5728, 19.3306, 20.8750



18.3127, 19.3306, 40.1335



24.1898, 19.3306, 21.2214

Rectangle

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



18.4337, 19.3306, 9.2382



14.6433, 19.3306, 12.6365



18.3127, 19.3306, 40.1335



22.6880, 19.3306, 32.5478

Sweetspot

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



18.4342, 19.3315, 9.2386



38.9194, 41.1458, 36.2490



14.8677, 11.0761, 11.5103



8.6297, 9.1261, 7.7989



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



18.4342, 19.3315, 9.2386



30.8386, 32.0200, 11.8648



18.6560, 22.9663, 9.9285



5.3142, 5.6112, 5.3554



13.7303, 13.1951, 1.8232



0.1036, 0.1125, 0.0163

Inverse Universe

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



11.2385, 10.9447, 25.5648



16.4936, 15.3193, 44.4708



11.0483, 8.8010, 25.1611



4.8818, 5.1065, 6.3342



4.8766, 3.0235, 22.3722



0.0435, 0.0423, 0.1523

Previews

White Background



This preview shows how the XYZ color 18.4337, 19.3306, 9.2382 looks on a white 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

Black Background



This preview shows how the XYZ color 18.4337, 19.3306, 9.2382 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 18.4337, 19.3306, 9.2382

Background



This preview shows how black text looks on a background with the XYZ color 18.4337, 19.3306, 9.2382.



This preview shows how white text looks on a background with the XYZ color 18.4337, 19.3306,

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

18.4337, 19.3306, 9.2382

Protanopia

17.9024, 19.4136, 9.4603

Deuteranopia

19.5480, 19.2018, 9.3326



Tritanopia

20.9202, 19.3043, 21.3624

Trichromacy



Original Color

18.4337, 19.3306, 9.2382

Protanomaly

18.0990, 19.3336, 9.4345

Deuteranomaly

19.1329, 19.1599, 9.3464

Tritanomaly

19.7797, 19.1734, 16.0229

Monochromacy



Original Color

18.4337, 19.3306, 9.2382

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9170, 18.9242, 15.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4337, 19.3306, 9.2382 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(138, 120, 74)` looks like.

```
.text, #text, p{  
    color:rgb(138, 120, 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(138, 120, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 120, 74) }
```

Border

The CSS property to change the border of an element to XYZ 18.4337, 19.3306, 9.2382 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(138, 120, 74) }
```


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

```
.border{ border-color:rgb(138, 120, 74) }
```

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

Here you see how a box with a 4 pixel rgb(138, 120, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 120, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 120, 74);  
box-shadow:4px 4px 4px 4px rgb(138, 120,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4337, 19.3306, 9.2382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 120, 74) }
```

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

```
.background{ background-color: rgb(138,  
120, 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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