

Converting Colors

XYZ(18.2415, 18.4338, 8.8144)

Have a look what the booklet for
XYZ(18.2415, 18.4338, 8.8144)
contains.

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Color

**XYZ(18.1485, 18.3180,
8.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7349
RGB	140, 115, 73
RGB Percent	55%, 45%, 29%
CMY	0.4510, 0.5490, 0.7137
CMYK	0.00, 0.18, 0.48, 0.45
HSL	38°, 31%, 42%
HSV	38°, 48%, 55%
XYZ	18.1485, 18.3180, 8.8825
YIQ	117.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

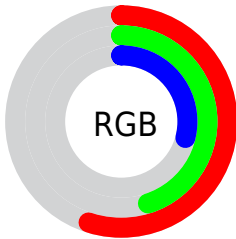
Format	Color
R_YB	113, 140, 73
Decimal	9204553
CIE Lab	49.88, 3.96, 26.84
CIE LCh	50, 27.135, 81.618
Yxy	18.3180, 0.4002, 0.4039
Android (android.graphics.Color)	4287394633 (0xFF8C7349)
YUV	117.6870, -22.0307, 19.5685
Hunter-Lab	42.7995, 0.7911, 17.6548

Details

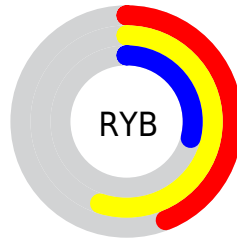
The XYZ color **18.1485, 18.3180, 8.8825** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.8486, 12.0446, 26.5110**, and the grayscale version is **17.1829, 18.0777, 19.6866**.

A 20% lighter version of the original color is **39.8372, 40.6447, 24.1579**, and **6.2413, 6.1729, 1.9611** is the 20% darker color. If you saturate the color by 10%, you get **17.1569, 16.9959, 6.5141**, and if you desaturate by 10%, it is **19.2793, 19.7512, 11.8133**.

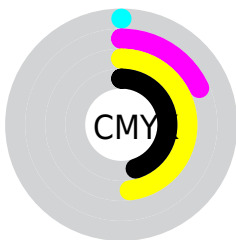
Distribution



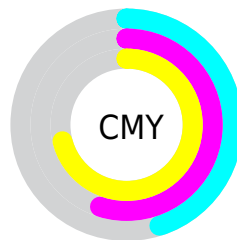
- Red (55%)
- Green (45%)
- Blue (29%)



- Red (44%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1485, 18.3180, 8.8825 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 18.1485, 18.3180, 8.8825 by changing the saturation by 10% instead.

■ 18.1485, 18.3180,
8.8825

■ 18.1485, 18.3180,
8.8825

234.7362,
242.6574, 192.6846

■ 11.1570, 11.1785,
4.5689

■ 39.8183, 40.5784,
24.2453

■ 6.2406, 6.1871,
1.9423

■ 55.2273, 56.4682,
36.1315

■ 3.0340, 2.9592,
0.5195

■ 74.1729, 76.0436,
51.3790

■ 1.1718, 1.1104,
0.0000

■ 97.0203, 99.6888,
70.4064

■ 0.0839, 0.0000,
0.0000

■ 124.1350,
127.7885, 93.6320

■ 0.0000, 0.0000,
0.0000

155.8823,

160.7268, 121.4746

192.6276,
198.8884, 154.3526

■ 18.1485, 18.3180,
8.8825

■ 18.1485, 18.3180,
8.8825

■ 17.1569, 16.9959,
6.5141

■ 19.2793, 19.7512,
11.8133

■ 16.2955, 15.7782,
4.6694

■ 20.5548, 21.2965,
15.3394

■ 15.5561, 14.6617,
3.3065

■ 21.9821, 22.9581,
19.4927

■ 14.9290, 13.6413,
2.3766

■ 23.5671, 24.7395,
24.3022

■ 14.3947, 12.7083,
1.7805

■ 25.3155, 26.6435,
29.7953

■ 14.2859, 12.5171,
1.6631

■ 27.2327, 28.6731,
35.9978

■ 29.3236, 30.8312,
42.9339

■ 31.5933, 33.1205,
50.6270

■ 34.0462, 35.5435,
59.0993

Harmonies

Analogous

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



20.6973, 18.3180, 10.7074



18.1485, 18.3180, 8.8825



15.6359, 18.3180, 9.3891

Triad

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



18.1485, 18.3180, 8.8825



13.1706, 18.3180, 25.6885



21.6236, 18.3180, 30.2022

Complementary

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



18.1485, 18.3180, 8.8825



11.8486, 12.0446, 26.5110

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.



19.3150, 18.3180, 36.4040



18.1485, 18.3180, 8.8825



14.4919, 18.3180, 33.3796

Square

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



18.1485, 18.3180, 8.8825



12.9250, 18.3180, 17.9331



16.6932, 18.3180, 37.6924



22.8301, 18.3180, 22.1024

Rectangle

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



18.1485, 18.3180, 8.8825



14.3017, 18.3180, 11.0537



16.6932, 18.3180, 37.6924



20.9405, 18.3180, 32.6537

Sweetspot

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



18.1489, 18.3189, 8.8829



39.7187, 41.5707, 37.2513



15.4348, 11.2354, 13.0804



9.0310, 9.4416, 8.2193



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.



18.1489, 18.3189, 8.8829



30.1926, 29.8877, 11.3574



20.1250, 24.1573, 9.9057



5.2769, 5.5365, 5.3429



12.7131, 11.1606, 1.4842



0.0985, 0.1023, 0.0146

Inverse Universe

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



11.8486, 12.0446, 26.5110



17.7614, 17.5238, 46.1893



10.4939, 8.3999, 25.8789



4.9176, 5.1781, 6.3461



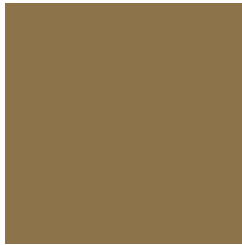
5.3241, 3.9185, 22.5214



0.0486, 0.0525, 0.1540

Previews

White Background



This preview shows how the XYZ color 18.1485, 18.3180, 8.8825 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 18.1485, 18.3180, 8.8825 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 18.1485, 18.3180, 8.8825

Background



This preview shows how black text looks on a background with the XYZ color 18.1485, 18.3180, 8.8825.



This preview shows how white text looks on a background with the XYZ color 18.1485, 18.3180,

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

18.1485, 18.3180, 8.8825

Protanopia

17.0388, 18.4339, 9.1386

Deuteranopia

18.6093, 18.2206, 8.8394



Tritanopia

20.2403, 18.1746, 19.5808

Trichromacy



Original Color

18.1485, 18.3180, 8.8825

Protanomaly

17.5460, 18.5196, 9.1284

Deuteranomaly

18.5476, 18.3553, 8.8687

Tritanomaly

19.4104, 18.1678, 15.0541

Monochromacy



Original Color

18.1485, 18.3180, 8.8825

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3637, 18.1175, 15.1522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1485, 18.3180, 8.8825 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(140, 115, 73)` looks like.

```
.text, #text, p{  
    color:rgb(140, 115, 73)  
}
```

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(140, 115, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 115, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.1485, 18.3180, 8.8825 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(140, 115, 73) }
```


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

```
.border{ border-color:rgb(140, 115, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 115, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 115, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 115, 73);  
box-shadow:4px 4px 4px 4px rgb(140, 115,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1485, 18.3180, 8.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 115, 73) }
```

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

```
.background{ background-color: rgb(140,  
115, 73) }
```

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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